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A CATALOGUE

OF

THE PLANTS

GROWING

IN THE VICINITY OF SAN FRANCISCO.

H. N. Bolander
BY

HENRY N. BOLANDER,

(*Late State Botanist.*)

SAN FRANCISCO:

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PLANTS GROWING IN THE VICINITY OF SAN FRANCISCO.

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This catalogue contains the names of very nearly all the phaenogamous and cryptogamous plants found about a hundred miles north and south of San Francisco, and as far east as Mount Diablo. Some plants were omitted (especially the shrubby oaks) since it was impossible to determine their proper specific names. The two important families, the Fungi and Alge have been entirely omitted; no one as far as I know, has made them a subject of investigation and study on this coast. The ferns, mosses, liverworts and lichens were studied by the very best authorities in America.

I take great pleasure in stating that our resident botanists, Dr. A. Kellogg and G. H. Bloomer, have largely assisted me in this undertaking, in fact, this catalogue is rather the result of our conjoint labors.

Neither the time of flowering has been mentioned, being so nearly alike for all, nor the underlying rock, since we have also in this respect so great a uniformity. The common metamorphic sandstone underlies nearly the whole region, except a few small patches of limestone and bituminous slate near Pescadero and Monterey. The influence of the underlying rock is apparently of less note, than the mechanical and physical properties of the subsoil and the distance from the ocean. From the ocean to Mount Diablo, one easily distinguishes three distinct floral regions; the immediate coast, the redwood and the parklands. Every one of these floral regions has its peculiar types and forms. Having no text book on our Flora, this catalogue may be of some service to those who are interested in the study of botany.

Ranunculaceæ.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>Clematis</i> , L.,	Virgin's Bower.	
<i>C. lasiantha</i> , Nutt.,		River banks
<i>C. ligusticifolia</i> , Benth.,		
<i>Anemone</i> , L.,	Windflower.	
<i>A. nemorosa</i> , L., var.,		Redwood
<i>Thalictrum</i> , Tourn.,	Meadow-Rue.	
<i>Th. Fendleri</i> , Engelm.,		Meadows
<i>Th. dioicum</i> , L.,		
<i>Ranunculus</i> , L.,	Buttercup	
<i>R. aquatilis</i> , L.,		Ponds
<i>R. Californicus</i> , Benth.,		Meadows
<i>R. repens</i> , L.,		"
<i>R. hebecarpus</i> , Hook & Arn.,		Around Shrubs
<i>R. muriatus</i> , L.,		Streets of S. F.
<i>R. acris</i> , L.,		Meadows
<i>R. reptans</i> , L.,		"
<i>Myosurus</i> , Dill.,	Mouse-Tail.	
<i>M. minimus</i> , L.,		Sandy Places
<i>Aquilegia</i> , Tourn.,	Columbine.	
<i>A. California</i> , Gray,		Meadows and Hedges

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>Delphinium</i> , Tourn.,	Larkspur.	
<i>D. Californicum</i> , Torr and Gray,		Meadows
<i>D. Menziesii</i> , D. C.,		Hillsides
<i>D. patens</i> , Benth.,		"
<i>D. simplex</i> , Dougl.,		"
<i>D. varigatum</i> , Torr & Gray.,		Hillsides
<i>D. decorum</i> , Fisch. & Mey.,		Plains
<i>D. nudicaule</i> , Torr. & Gray.,	Yellow Larkspur.	Gravelly Places
<i>Actaea</i> , L.,	Baneberry.	
<i>A. spicata</i> , L., var <i>arguta</i> .,		Redwoods

Berberidaceæ.

<i>Berberis</i> , L.,	Barberry.	
<i>B. aquifolium</i> , Pursh.,		Hillsides
<i>B. pinnata</i> , Lag.,		
<i>Vancouveria</i> , Dcne.,		
<i>V. hexandra</i> , Morr & Dee.,		Redwoods
<i>Achlys</i> , D. C.,		
<i>A. triphylla</i> , Hook.,		Redwoods

Nymphaeaceæ. (Water Lily Fam.)

<i>Brasenia</i> , Schrebr.,	Water Shield.	
<i>B. peltata</i> , Pursh.,		Clear Lake
<i>Nuphar</i> , Smith.,	Pond Lily.	
<i>N. advena</i> , Ait.,	Yellow Pond Lily.	Ponds

Papaveraceæ. (Poppy Fam.)

<i>Eschscholtzia</i> , Cham.		
<i>E. Californica</i> , Cham.,	Calif. Poppy.	Meadows
<i>E. cæspitosa</i> , Lindl.,		"
<i>Dendromecon</i> , Benth.,		
<i>D. rigidum</i> , Benth.,		Dry Hillsides
<i>Meconopsis</i> , Vig.		
<i>M. heterophylla</i> , Benth.,		Thickets
<i>Platystemon</i> , Benth.,		
<i>P. Californicum</i> , Benth.,		Sandy Soil
<i>Platystigma</i> , Benth.,		
<i>P. lineare</i> , Benth.,		Sandy Soil
<i>P. Californicum</i> Torr, (<i>Meconella</i>)		Mission Hills

Fumariaceæ. (Fumitory Fam.)

<i>Dicentra</i> , Bork.,	Dutchman's Breeches.	
<i>D. formosa</i> , D. C.,		Shady Places
<i>D. chrysanthia</i> , Hook.,		Dry Hillsides

Cruciferæ. (Mustard Fam.)

<i>Cheiranthus</i> , R. Br.,		
<i>Ch. capitatus</i> , Dougl.,		Sandy Soil
<i>Nasturtium</i> , R. Br.,	Water Cress.	
<i>N. officinale</i> , R. Br.,		Springy Places
<i>N. curvisiliqua</i> , Nutt.,		Sandy Soil.
<i>Barbarea</i> , R. Br.,	Winter Cress.	
<i>B. vulgaris</i> , R. B.,		Meadows

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>Streptanthus</i> , Nutt.,		
H. Breweri, Gray.,		Monte del Diablo
H. glandulosus, Hook.,		Sandy Places
H. hispidus, Gray		Monte del Diablo
H. flavescentis, Hook.,		Hillsides
H. procerus, Brewer.,		Sandy Soil
<i>Turritis</i> , Dill.,	Tower Mustard	
T. perfoliata, Lam., (T. glabra L.)		Meadows
<i>Arabis</i> , L.,	Rock Cress.	
A. blepharophylla, Hook and Arn.,		Mission Hills
A. arcuatus, Nutt.,		Rocks
<i>Cardamine</i> , L.,	Bitter Cress.	
C. angulata, Hook.,		Meadows
C. oligosperma, Nutt.,		Meadows
C. paucisepta, Beuth.,		Redwoods
C. hirsuta, L. var.,		
<i>Sisymbrium</i> , L.,	Hedge Mustard.	
S. officinale, Scop.,		Fields
S. deflexum, Harvey.,		Hillsides
S. pygmaeum, Nutt.,		Hillsides
S. canescens, Nutt.,		Hillsides
<i>Erysimum</i> , L.,	Treacle Mustard.	
E. asperum, D. C.,		Fields
E. Arkansanum, Nutt.,		
<i>Brassica</i> , Tourn.		
B. alba, L.,	White Mustard.	Fields
B. nigra, L.,	Black Mustard.	
<i>Smebiera</i> , Poir.,	Wart Cress.	
S. didyma, Pers.,		Banks
<i>Lepidium</i> , R. Br.,	Pepper-grass.	
L. Menziesii, D. C.,		Fields
L. Californicum, Nutt.,		Fields
L. nitidum, Nutt.		
L. oxycarpum, Torr and Gray		Oakland Hills
L. latipes, Hook.		
<i>Capsella</i> , Vent.,	Shepherd's Purse.	
C. Bursa-Pastoris, Moench.,		Fields
<i>Thysanocarpus</i> , Hook.		
Th. elegans, Fisch and Mey.,		Meadows
Th. radians, Benth.,		Meadows
Th. oblongifolius, Nutt.		
Th. pulchellus, Fisch and Mey.		Hillsides
Th. pusillus, Hook.,		
<i>Raphanus</i> , L.,	Radish.	
R. raphanistrum, L.,		Fields

Violaceæ. (Violet Family.)

<i>Viola</i> , L.		
V. canina, Rich.,	Blue Violet.	Moist Places
V. Nuttallii, Pursh.,		Gravelly Hillsides
V. pedunculata, Gray and Torr.,	Yellow Violet.	Mission Hills
V. glabella, Nutt.,		Redwoods
V. ocellata, Torr and Gray, (Canadensis ?)		Redwoods
V. sarmentosa, Dougl.,		Redwoods

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>V. chrysanthia</i> , Hook,		Clay Soil
<i>V. lobata</i> , Benth.,		Woods
	Cistaceæ. (Rock-Rose Family.)	
<i>Helianthemum</i> , Tour.,	Rock-rose	
<i>H. scoparium</i> , Nutt.,		Hillsides
	Hypericaceæ. (St. John's Wort Family.)	
<i>Hypericum</i> , L.,	St. John's Wort.	
<i>H. anagalloides</i> , Cham. Schl.,		Moist places.
<i>H. Scouleri</i> , Hook.,		Banks.
	Caryophyllaceæ. (Pink Family.)	
<i>Silene</i> , L.,	Catchfly.	
<i>S. Californica</i> , Durand,		Hillsides
<i>S. Drummondii</i> , Hook.		
<i>S. Bolanderi</i> , Gray.		Open woods.
<i>S. Antirrhina</i> , L..		
<i>S. Gallica</i> , L.,		Fields.
<i>S. quinquevulnera</i> , L.		
<i>S. Douglasii</i> , Hook.		
<i>Arenaria</i> , L.,	Sandwort.	
<i>A. Douglasii</i> , Fenzl.,		Sandy soil.
<i>A. Californica</i> , Brew.		
<i>A. tenella</i> , Nutt.		
<i>Stellaria</i> , L.,	Chickweed.	
<i>H. media</i> , Smith.	Common Chickweed,	
<i>H. crassifolia</i> , Ehrh.		Fields.
<i>H. littoralis</i> , Torr and Gray.		
<i>Cerastium</i> , L.,	Mouse-ear Chickweed.	
<i>C. oblongifolium</i> , Torr,		Banks.
<i>Sagina</i> , L.,	Pearlwort	
<i>S. procumbens</i> , L.,		Damp places.
<i>Spergularia</i> , Pers.,	Sand Spurrey.	
<i>S. rubra</i> , Presl.,		Low places.
<i>Spergula</i> , L.,	Spurrey.	
<i>S. arvensis</i> , L.,	Corn Spurrey,	
<i>Paronychia</i> , Tourn.,	Whitlow Wort.	
<i>P. ramosissima</i> , D. C.		
	Portulacaceæ. (Purslane Family.)	
<i>Calandrinia</i> , H., B. and K.		
<i>C. Menziesii</i> , Hook.,		Meadows.
<i>Claytonia</i> , L.,	Spring Beauty.	
<i>C. perfoliata</i> , Don.,		Fields and thickets.
<i>C. exigua</i> , Torr and Gray.		
<i>C. Siberica</i> , L.,		Wet places.
<i>A. aquatica</i> , Nutt.,		Swamps.
<i>C. parvifolia</i> , Mocino.		
<i>C. Menziesii</i> . (?)		
<i>C. linearis</i> , Dougl.,		
<i>Montia</i> , L.,		
<i>M. fontana</i> , L.,		

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>Lewisia</i> , Pursh.		
<i>L. rediviva</i> , Pursh.		Rocky places.
<i>Spraguea</i> , Torr.		
<i>S. umbellata</i> , Torr.		Sandy soil.

Malvaceæ. (Mallow Family.)

<i>Malva</i> , L.	Mallow.	
<i>M. rotundifolia</i> , L.	Common Mallow,	Fields.
<i>Sidalcea</i> , Gray.		
<i>S. malvaeflora</i> , Gray.		Meadows.
<i>S. diploscypha</i> , Gray.		Grain fields.
<i>S. vitæfolia</i> , Gray.		Borders.
<i>Malvastrum</i> , Gray.	False Mallow.	
<i>M. Marrubioides</i> ,		Gravelly bottoms.
<i>M. Munroanum</i> , Gray.		Hillsides.
<i>Fremontia</i> , Torr.		
<i>F. Californica</i> , Torr.		Hillsides.
<i>Lavatera</i> , L.		
<i>L. assurgentiflora</i> , Kellogg.		San Francisco.

Linaceæ. (Flax Family.)

<i>Linum</i> , L.	Flax.	
<i>L. congestum</i> , Gray.		Meadows.
<i>L. Breweri</i> , Gray.		Diablo.
<i>L. spergulinum</i> , Gray.		Hillsides.
<i>L. perenne</i> , L.		Waste places.

Ceraniaceæ. (Geranium Family.)

<i>Geranium</i> , L.	Cranesbill.	
<i>G. Carolinianum</i> , L.		Meadows.
<i>G. cespitosum</i> , (?) James,		Sandy fields.
<i>Erodium L'Her.</i>	Storksbill.	
<i>E. cicutarium</i> L'Her.	Alfileria.	Meadows.
<i>Lumanthes</i> , R. Br.		
<i>L. rosea</i> , Benth.		Moist meadows.
<i>L. Douglasii</i> , R. Br.		Moist meadows.
<i>Oxalis</i> , L.	Wood Sorrel.	
<i>O. Oregana</i> , Nutt.		Redwoods.
<i>O. stricta</i> , L.	Yellow Wood Sorrel,	Fields.
<i>O. corniculata</i> , L.		Fields.

Rutaceæ. (Rue Family.)

<i>Ptelea</i> , L.		
<i>P. trifoliata</i> , L.	Hop Tree,	Banks.

Anacardiaceæ. (Cashew Family.)

<i>Rhus</i> , L.	Sumach.	
<i>R. diversiloba</i> , Torr and Gray,	Poison Oak,	Fields.

Vitaceæ. (Vine Family.)

<i>Vitis</i> , Tourn.		
<i>V. Californica</i> , Benth.	Wild Grape	Thickets.

LATIN NAMES.

ENGLISH NAMES.

NATURAL HABITAT.

Rhamnaceæ. (Buckthorn Family.)

<i>Frangula</i> , Tourn.,	Alder Buckthorn.	
<i>F. Californica</i> Gray,	Buckthorn.	Thickets.
<i>Rhamnus</i> , L.,		
<i>Rh. croceus</i> , Nutt.,		Thickets.
<i>Rh. Purshianus</i> , Hook,		Damp woods.
<i>Ceanothus</i> , L.,	Red Root.	
<i>C. incanus</i> , Torr. and Gray,		Banks.
<i>C. thyrsiflorus</i> (Esch.),	California Lilac,	Thickets.
<i>C. divaricatus</i> , Nutt.,		Thickets.
<i>C. rigidus</i> , Nutt.,		Hillsides.
<i>C. dentatus</i> , Torr. and Gray,		Hills.
<i>C. papillosum</i> , Torr. and Gray,		Mountains.
<i>C. crassifolus</i> var <i>glabratus</i> , Gray,		Banks.
<i>C. integrifolius</i> , Hook,		Woods.
<i>C. velutinus</i> , Hook,		Woods.

Celastraceæ. (Staff-tree Family.)

<i>Euonymus</i> , Tourn.		
<i>Eu. occidentalis</i> , Nutt.,	Spindle Tree,	Moist thickets.

Sapindaceæ. (Soap-berry Family.)

<i>Aesculus</i> , L.,	Buckeye.	
<i>A. Californica</i> , Nutt.,	California Buckeye,	Hillsides.
<i>Acer</i> , L.,	Maple.	
<i>A. macrophyllum</i> , Pursh.,	Large-leaved Maple,	Banks.
<i>A. glabrum</i> , Torr.,		Mountains.
<i>Negundo</i> , Moench.,	Box Elder.	
<i>N. aceroides</i> , Moench.,		River banks.

Ficoideæ.

<i>Mesembryanthanum</i> .		
<i>M. dimidiatum</i> , Harv.,		Seashore.

Frankeniaceæ.

<i>Frankenia</i> , L.		
<i>F. grandifolia</i> , Cham.,		Salt marshes.

Polygalaceæ. (Milkwort Family.)

<i>Polygala</i> , Tourn.		
<i>P. Nutkana</i> , Moc. & Sessi,		Hillsides.

Leguminosæ. (Pulse Family.)

<i>Lupinus</i> , L.,	Lupine.	
<i>L. densiflorus</i> , Benth.,		Hillsides.
<i>L. hirsutissimus</i> , Benth.,		Dry places.
<i>L. manus</i> , Dougl.,		Fields.
<i>L. truncatus</i> , Nutt.,		
<i>L. micranthus</i> , Dougl.,		Gravelly places.
<i>L. bicolor</i> , Lindl.,		Shady places.
<i>L. polyphyllus</i> , Lindl.,		Wet places.
<i>L. latifolius</i> , Agardh,		Meadows.
<i>L. affinis</i> , Agardh.		

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>L. ornatus</i> , Dougl.,		Fields.
<i>L. albicaulus</i> , Dougl.,		Sandy places.
<i>L. albitrons</i> , Benth.,		Rocky seashore.
<i>L. littoralis</i> , Dougl.,		Moist places.
<i>L. arboreus</i> , Sims,	Large Yellow Lupine,	Dry hillsides.
<i>Trifolium</i> , L.,	Clover.	Meadows.
<i>T. eriocephalum</i> , Nutt.,		Roadsides.
<i>T. Macrei</i> , Hook.,		Meadows.
<i>T. gracilentum</i> , Torr. and Gray,		Meadows.
<i>T. microcephalum</i> , Pursh.,		Meadows.
<i>T. variegatum</i> , Nutt.,		Meadows.
<i>T. fimbriatum</i> , Lindl.,		Moist places.
<i>T. heterodon</i> , Torr. and Gray,		Hillsides.
<i>T. tridentatum</i> , Lindl.,		Hillsides.
<i>T. fucatum</i> , Lindl.,		Hillsides.
<i>T. amplectens</i> , Torr. and Gray,		Hillsides.
<i>T. ciliolatum</i> , Benth.,		Hillsides.
<i>T. dichotomum</i> , Hook.,		Hillsides.
<i>T. bifidum</i> , Gray,		Hillsides.
<i>T. mierodon</i> , Hook and Arn.,		Hillsides.
<i>T. barbigerum</i> , Torr and Gray,		Meadows.
<i>T. depauperatum</i> , Desv.,		Meadows.
<i>T. obtusifolium</i> , Hook.,		Moist places.
<i>T. spinulosum</i> , Dougl.,		Hillsides.
<i>T. repens</i> ,	White Clover,	Meadows.
<i>Melilotus</i> , Juss.,	Sweet Clover.	Meadows.
<i>M. parviflora</i> , Desf.,		Meadows.
<i>Medicago</i> , L.,	Medick.	Meadows.
<i>M. sativa</i> , L.,		Fields.
<i>M. denticulata</i> , Wild.,		Fields.
<i>Hosackia</i> , Dougl.,		
<i>H. juncea</i> , Benth.,		
<i>H. scoparia</i> , Nutt.,		Hillsides.
<i>H. cytisoides</i> , Benth.,		Hillsides.
<i>H. sericea</i> , Benth.,		Hillsides.
<i>H. tomentosa</i> , Hook and Arn.,		Hillsides.
<i>H. micrantha</i> , Nutt.,		Roadsides.
<i>H. prostrata</i> , Nutt.,		
<i>H. rigida</i> , Benth.,		Thicket.
<i>H. stipularis</i> , Benth.,		Woods.
<i>H. crassifolia</i> , Benth.,		Moist places.
<i>H. gracilis</i> , Benth.,		Woods.
<i>H. grandiflora</i> , Benth.,		Seashore.
<i>H. maritima</i> , Nutt.,		
<i>H. strigosa</i> , Nutt.,		Hillsides.
<i>H. parviflora</i> , Benth.,		Meadows.
<i>P. Purshiana</i> , Benth.,		
<i>H. brachycarpa</i> , Benth.,		Hillsides.
<i>H. bicolor</i> , Dougl.,		River banks.
<i>H. stolonifera</i> , Lindl.,		Hillsides.
<i>H. subpinnata</i> , Torr. and Gray.,		
<i>Psoralea</i> , L.,		Hillsides.
<i>P. physodea</i> , Dougl.,		Hillsides.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>P. orbicularis</i> , Dougl.,		Thickets.
<i>Thermopsis</i> , R. Br.		
<i>Th. macrophylla</i> , Hook and Arn.,		Hillsides.
<i>Astragalus</i> , L.,	Milk Vetch.	
<i>A. didymocarpus</i> , Hook and Arn.,		Hillsides.
<i>A. tener</i> , Gray.,		Sandy fields.
<i>A. Breweri</i> , Gray.,		Fields.
<i>A. Douglasii</i> , Torr. and Gray.,		Coast.
<i>A. Crotalariae</i> , Benth.		
<i>A. Menziesii</i> , Hook.,		Coast.
<i>A. leucopis</i> , Torr. and Gray.,		Coast.
<i>A. curtipes</i> , Gray.,		Dry hills.
<i>A. trychopodus</i> , Nutt.,		Coast
<i>A. oxyphrys</i> , Gray.,		Dry hillsides.
<i>A. pinnostachius</i> , Gray.,		Sea shore.
<i>Lathyrus</i> , L.,	Vetchling.	
<i>L. vestitus</i> , Nutt.,		Thickets.
<i>L. venosus</i> , Muhl.		
<i>L. Torreyi</i> , Gray.,		Thickets.
<i>Vicia</i> , Tourn.,	Vetch.	
<i>V. gigantea</i> , Hook.,		Banks
<i>V. Oregana</i> , Nutt., (truncata).		Thickets
<i>Cercis</i> , L.,	Judas Tree.	
<i>C. occidentalis</i> , Torr.,		Hillsides
<i>Pickeringia</i> , Nutt.		
<i>P. montana</i> , Nutt.,		Hillsides

Rosaceæ. (Rose Family.)

<i>Cerasus</i> , L.,	Cherry.	
<i>C. ilicifolia</i> , Nutt.,	Evergreen cherry.	Hillsides
<i>C. Virginiana</i> , L.,	Choke cherry.	Hillsides
<i>Nuttallia</i> , Torr and Gray.		
<i>N. cerasiformis</i> , Torr and Gray.,		Hillsides
<i>Spiraea</i> , L.,	Meadow Sweet.	
Sp. <i>opulifolia</i> , L.,	Nine Bark.	Banks
Sp. <i>ariæfolia</i> , Smith.,		Thickets
<i>Cercocarpus</i> , H. B. and K.		
<i>C. parvifolius</i> , Nutt.,		Hills and Banks
<i>Acæna</i> , L.		
<i>A. pinnatifida</i> , Hook and Arn.,		Meadows
<i>Adenostoma</i> , Hook and Arn.		
<i>A. fasciculata</i> , Hook and Arn.,	Chemisal.	Hillsides
<i>Alchemilla</i> , Tourn.,	Lady's Mantle.	
<i>A. arvensis</i> , Scop.,		Fields
<i>Horkelia</i> , Cham. and Schlecht.		
<i>H. cuneata</i> , Lindl.,		Fields
<i>H. tenuiloba</i> , Gray.		
<i>H. fusca</i> , Lindl.,		Low Places
<i>Potentilla</i> , L.,	Cinque Foil.	
<i>P. anserina</i> , L.,	Silver Weed.	Low Places
<i>P. rivalis</i> , Nutt.,		Wet Places
<i>P. glandulosa</i> , Lindl.		
<i>Fragaria</i> , Tourn.,	Strawberry.	Hillsides

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>F. vesca</i> , L., . . . . .	. . . . .	Thickets
<i>F. chilensis</i> , Ehrh., . . . . .	. . . . .	Sandy places.
<i>Rubus</i> , Tourn.,	Bramble.	
<i>Rosa</i> , Tourn.,	Rose.	
<i>R. Nutkanus</i> , Mocino., . . . . .	. . . . .	Hillsides
<i>R. Vitifolius</i> , Cham. & Schlecht., . . . . .	. . . . .	Thickets
<i>R. ursinus</i> , Cham. & Schlecht., . . . . .	. . . . .	Thickets
<i>R. macropetalus</i> , Dougl., . . . . .	. . . . .
<i>R. spectabilis</i> , Pursh.,	Salmon Berry.	Thickets on the Coast
<i>R. occidentalis</i> , L ?, . . . . .	. . . . .	Redwoods
<i>R. blanda</i> , Ait., . . . . .	. . . . .	Banks
<i>R. gymnocarpa</i> , Nutt., . . . . .	. . . . .	Hillsides.
<i>Pyrus</i> , L.,	Pear.	
<i>P. rivularis</i> , Dougl., . . . . .	. . . . .	Banks
<i>Amelanchier</i> , Medic.,	June Berry.	
<i>A. Canadensis</i> , var. <i>alnifolia</i>, . . . . .	. . . . .	Hillsides
<i>Photinia</i> , Linde., . . . . .	. . . . .
<i>Ph. arbutifolia</i> , Lindl., . . . . .	. . . . .	Hillsides

Calycanthaceæ.

<i>Calycanthus</i> , L.,	Sweet-scented Shrub.	
<i>C. occidentalis</i> , Hook., . . . . .	. . . . .	Banks.

Saxifragaceæ. (*Saxifrage Family*.)

TRIBE I—Grossularieæ.

<i>Ribes</i> , L.,	Currant Gooseberry.	
<i>R. sanguineum</i> , Pursh., . . . . .	. . . . .	Hillsides.
<i>R. divaricatum</i> , Dougl., . . . . .	. . . . .	Banks.
<i>R. subvestitum</i> , Hook and Arn., . . . . .	. . . . .	Banks.
<i>R. speciosum</i> , Pursh., . . . . .	. . . . .	Woods.
<i>R. Menziesii</i> , Hook., . . . . .	. . . . .	Woods.

TRIBE II—Hydrangieæ.

<i>Philadelphus</i> , L.,	Mock Orange or Syrinca.	
<i>Ph. Californicus</i> , Benth., (<i>Lewisii</i> Pursh.,?) . . . . .	. . . . .	Moist thickets.

TRIBE III—Saxifrageæ.

<i>Saxifraga</i> , L.,	Saxifrage.	
<i>S. Virginiana</i> , Michx. var., . . . . .	. . . . .	Hillsides.
<i>S. integrifolia</i> , Hook., . . . . .	. . . . .	Rocks.
<i>S. heterantha</i> , Hook., . . . . .	. . . . .	Banks.
<i>S. peltata</i> , Benth., . . . . .	. . . . .	Mountain streams.
<i>Tiarella</i> , L.,	False Mitre Wort.	
<i>T. unifoliata</i> , Hook., . . . . .	. . . . .	Moist redwoods.
<i>Tellima</i> , Br., . . . . .	. . . . .
<i>T. grandiflora</i> , Dougl., . . . . .	. . . . .	Ravines.
<i>T. heterophylla</i> , Hook and Arn., (<i>Lithophragma</i>), . . . . .	. . . . .	Hillsides.
<i>T. affinis</i> , Gray., "	"	Hillsides.
<i>T. Bolanderi</i> , Gray., "	"	Banks.
<i>T. Cymbalaria</i> , Torr. and Gray	"	Ravines.
<i>Heuchera</i> , L.,	Alum Root.	
<i>H. micrantha</i> , Dougl., . . . . .	. . . . .	Ravines.
<i>H. pilosissima</i> , Fisch and Mey., . . . . .	. . . . .	Coast.
<i>Tolmiea</i> , Torr. and Gray, . . . . .	. . . . .

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
T. Menziesii, Torr. and Gray, <i>Whipplea</i> , Torr.	.	Ravines.
W. modesta, Torr.,	.	Redwoods.

Crassulaceæ. (Orpine Family.)

<i>Tillaea</i> , L.		
T. leptopetala, Benth.,	.	Mission.
<i>Sedum</i> , Tourn.,	Stone Crop.	
S. spathulifolium, Hook.,	.	Rocks.
<i>Echeveria</i> , D. C., (Cotyledon:)	.	
E. lanceolata, Nutt.,	.	Rocks.

Lythraceæ. (Loose-Strife Family.)

<i>Lythrum</i> , L.,	Loose-strife.	
L. Californicum, Torr. and Gray.,	.	Banks

Onagraceæ. (Evening Primrose Family.)

<i>Circaeæ</i> , Tourn.,	Enchanter's Nightshade.	
<i>C. Lutetiana</i> , L.,	.	Moist places.
<i>Epilobium</i> , L.,	Willow Herb.	
E. angustifolium, L.,	.	Ravines.
E. tetragonum, L.,	.	Moist places.
E. minutum, Lindl.,	.	Hillsides.
E. paniculatum, Nutt., (?)	.	Hillsides.
<i>Zauschneria</i> , Presl.		
Z. Californica, Presl.,	.	Hillsides.
<i>Oenothera</i> , L.,	Evening Primrose.	
Oe. viminea, Dougl.,	.	Banks.
Oe. purpurea, Curtis,	.	Hillsides.
Oe. densiflora, Lindl.,	.	Hillsides.
Oe. ovata, Nutt.,	.	Hillsides.
Oe. graciliflora, Hook.,	.	Dry fields.
Oe. viridesceus, Hook.,	.	Hillsides
Oe. contorta, Hook.,	.	Sandy fields.
Oe. Whitneyi, Gray..	.	Sea Coast.
<i>Gayophytum</i> , Juss.		
G. strictum, Gray.,	.	Dry hillsides.
<i>Eucharidium</i> , Fisch and Mey.		
Eu. concinnum, Fisch and Mey.,	.	Hillsides.

Halorageæ.

Hippuris, L.,	Mare's Tail.	
H. vulgaris, L.,	.	Ponds.
<i>Callitrichæ</i> , L.		
C. verna, L.,	.	Banks and Pools.
C. marginata, Torr.,	.	Banks.

Loasaceæ.

<i>Mentzelia</i> , L.		
M. albicaulis, Dougl.,	.	Dry river beds.
M. laevicaulis, Torr. and Gray.,	.	Dry fields.

LATIN NAMES.

ENGLISH NAMES.

NATURAL HABITAT.

Cucurbitaceæ.

Megarrhiza, Torr. and Gray., (Echinocystis.)*M. Oregana*, Torr. and Gray., Big Root,

Fields.

Umbelliferae. (Parsley Family.)

Hydrocotyle, Tourn.,

Water Pennywort.

Wet places.

H. natans, Cyrillo,

Wet places.

H. interrupta, Muhl.,

Wet places.

H. Americana, L.*Bowlesia*, Ruiz and Pav.,*B. lobata*, Ruiz and Pav.,*Eryngium*, L.*E. petiolatum*, Hook.,*Sanicula*, S.,*S. Menziesii*, L.,*S. laciniata*, Hook and Arn.,*S. nudicaulis*, Hook and Arn.,*S. bipinnatifida*, Dougl.,*S. bipinnata*, Hook and Arn.,*S. arctopoides*, Hook and Arn.,*S. tuberosa*, Gray.,*Diceya*, Torr. and Gray.*D. arguta*, Torr. and Gray.,*D. Hartwegi*, Gray.,*D. Kelloggii*, Gray.,*Musenun*, Nutt.*M. trachyspermum*, Nutt.,*Apiastrum*, Nutt.,*A. angustifolium*, Nutt.,*Cicuta*, L.,*C. Californica*, Gray.,*Sium*, L.,*S. latifolium*, L.,*Carum*, L.,*C. Kelloggii*, Gray.,*Pimpinella*, L.,*P. apiodora*, Gray.,*Osmorhiza*, Raf.,*O. occidentalis*, Nutt.,*O. nuda*, Torr.,*Myrrhis*, Scop.,*M. Bolanderi*, Gray.,*Ligisticum*, L.,*L. apifolium*, Nutt.,*Angelica* L..*A. ep.*?*Peucedanum*, L.,*P. leiocarpum*, Nutt.,*P. nudicaule*, Nutt.,*P. tomentosum*, Benth.,*P. caruifolium*, Torr. and Gray.,*P. utriculatum*, Nutt.,

Water Pennywort.

Sanicle.

Hillsides.

Hillsides.

Hillsides.

Hillsides.

Hillsides.

Hillsides.

Dry hillsides.

Hillsides.

Hillsides.

Hillsides.

Dry shady hillsides

Banks.

Wet places.

Wet places.

Dry hillsides.

Hillsides, around rocks

Shady places

Woods

Banks

Hillsides

Moist Banks.

Hillsides.

Hillsides.

Hillsides.

Hillsides.

Hillsides.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>P. parvifolium</i> , Torr. and Gray., . . . . .	. . . . .	Pine woods.
<i>P. foeniculaceum</i> , Nutt., . . . . .	. . . . .	Pine woods.
<i>Heracleum</i> , L.,	Cow-parsnip.	
<i>H. lanatum</i> , D. C., . . . . .	. . . . .	Moist places.
<i>Oenanthe</i> , L.		
<i>Oe. sarmentosa</i> , Nutt., . . . . .	. . . . .	Ponds.
<i>Daucus</i> , Tourn.,	Carrot.	
<i>D. pusillus</i> , Michx., . . . . .	. . . . .	Dry Hillsides.
<i>Caucalis</i> , L.		
<i>C. microcarpa</i> , Hook. and Arn., . . . . .	. . . . .	Open woods.

Araliaceæ. (Ginseng Fam.)

<i>Aralia</i> Tourn.,	Spikeware.	
<i>A. racemosa</i> , L.	. . . . .	Moist places.

Cornaceæ. (Dogwood Fam.)

<i>Cornus</i> Tourn.,	Dogwood.	
<i>C. Canadensis</i> , L.,	Dwarf, Cornel.	
<i>C. Nuttallii</i> , And.	. . . . .	Coast.
<i>C. pubescens</i> , Nutt.	. . . . .	Open woods.
<i>C. sericea</i> , L.,	Silky Cornel.	Banks.
		Moist places.

Caprifoliaceæ. (Honeysuckle Fam.)

<i>Lonicera</i> , L.,	Honeysuckle.	
<i>L. involucrata</i> ,	Bank's Twinberry.	Moist places.
<i>L. Californica</i> , Torr. & Gray., . . . . .	. . . . .	Hillsides.
<i>Symporicarpus</i> , Dill.,	Snow berry.	
<i>S. racemosus</i> , Michx., . . . . .	. . . . .	Banks.
<i>S. mollis</i> , Nutt., . . . . .	. . . . .	Hillsides.
<i>Sambucus</i> , Tourn.,	Elder.	
<i>S. pubens</i> , Michx., . . . . .	. . . . .	Damp woods.
<i>S. glauca</i> , Nutt., . . . . .	. . . . .	Hillsides.

Rubiaceæ. (Madder Fam.)

<i>Galium</i> , L.,	Cleavers.	
<i>G. aparine</i> , L., . . . . .	. . . . .	Thickets.
<i>G. Californicum</i> Hook.		
<i>G. Andrewsii</i> , Gray.		
<i>Cephaelanthus</i> , L.,	Button-bush.	
<i>C. occidentalis</i> , L., . . . . .	. . . . .	Banks.

Valaerinaceæ. (Valerian Fam.)

<i>Plectritis</i> .		
<i>P. congesta</i> , Lindl., . . . . .	. . . . .	Hillsides.
<i>P. macrocera</i> , Torr. and Gray., . . . . .	. . . . .	Hillsides.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
Compositæ. (Composite Family.)		
I. Tubulifloræ.		
<i>Bulbostylis</i> , DC.,		Dry Creekbeds.
<i>B. Californica</i> , Gray.,		
<i>Nardoëmia</i> , Cap.,	Sweet Coltsfoot.	Moist Banks.
<i>N. palmata</i> , Hook.,		
<i>Adenocaulon</i> , Hook.,		Redwoods.
<i>A. bicolor</i> , Hook.,		
<i>Corethrogynæ</i> , DC.,		Dry Hills.
<i>C. incana</i> , Nutt.,		Dry Hills.
<i>C. filaginifolia</i> , Nutt.,		Dry Hills.
<i>C. tomentella</i> , Gray.,		Seashore.
<i>C. spathulata</i> , Gray.,		
<i>Sericocarpus</i> , Nees.,	White-topped Aster.	
<i>S. rigidus</i> , Lindl.,		Dry Banks.
<i>Aster</i> , L.,	Aster.	
<i>A. Durandi</i> , Nutt.,		Moist Banks.
<i>A. laxifolius</i> , Torr. & Gray.,		Hillsides.
<i>Erigeron</i> , L.,	Fleabane.	Fields.
<i>E. Canadense</i> , L.,		Coast.
<i>E. supplex</i> , Gray.,	Horseweed.	Fields.
<i>E. glaucum</i> , Ker.,		Fields.
<i>E. glabellum</i> , Nutt.,		
<i>Gutierrezia</i> , Lag.,		Hills.
<i>G. Californica</i> , Gray.,		
<i>Solidago</i> , L.,	Golden Rod.	Open Woods.
<i>S. spiciformis</i> , Gray.,		Hillsides.
<i>S. Californica</i> , Nutt.,		Moist Places.
<i>S. elongata</i> , Nutt.,		Moist Banks.
<i>S. occidentalis</i> , Nutt.,		
<i>Linosyris</i> , Lobel.,		Redwoods.
<i>L. arborescens</i> , Gray.,		
<i>Aplopappus</i> , Cass.,		Monte de Diablo.
<i>A. linearifolius</i> , DC.,		Sandy Fields.
<i>A. microphylla</i> , Nutt.,		
<i>Grindelia</i> , Willd.,		Dry Hillsides.
<i>G. hirsutula</i> , Hook.,		Seashore.
<i>G. robusta</i> , Nutt.,		
<i>Pentachaeta</i> , Nutt.,		Hillsides.
<i>P. aurea</i> , Nutt.,		
<i>Chrysopsis</i> , Nutt.,	Golden Aster.	Dry Hillsides.
<i>Ch. Bolanderi</i> , Gray.,		Seashore.
<i>Ch. villosa</i> , Nutt.,		
<i>Aphantochæta</i> , Gray.,		Hillsides.
<i>A. exilis</i> , Gray.,		
<i>Baccharis</i> , L.,	Groundsel Tree.	Hillsides.
<i>B. consanguinea</i> , DC.,		
<i>B. Douglasii</i> , DC.,		Moist Places.
<i>B. viminea</i> , DC.,		Riverbeds.
<i>Pluchea</i> , Cass.,		
<i>P. camphorata</i> , DC.,	Marsh Fleabane.	Salt Marshes.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>Micropus</i> , L.,		
<i>M. Californicus</i> , Fisch & Mey.,		Hillsides.
<i>Psilocarphus</i> , Nutt.,		
<i>P. tenellus</i> , Nutt.,		Hillsides.
<i>P. globiferus</i> , Nutt.,		Hillsides.
<i>Stylocline</i> , Nutt.,		
<i>St. gnaphaloides</i> , Nutt.,		Dry Hillsides.
<i>Evax</i> .		
<i>E. caulescens</i> , Benth.,		Hillsides.
<i>Blennosperma</i> , Less.,		
<i>B. Californicum</i> , Torr. & Gray.,		Moist Hillsides and Meadows.
<i>Franseria</i> , Cav.,		
<i>F. Chamissonis</i> , Less.,		Sandy Seashore.
<i>F. bipinnatifida</i> , Nutt.,		Sandy Seashore.
<i>F. Hookeriana</i> , Nutt.,		Sandy Seashore.
<i>Xanthium</i> , Tourn.,	Cockle bur.	
<i>X. strumarium</i> , L.,	Common Cockle bur.	Fields.
<i>X. spinosum</i> , L.,	Spiny Cockle bur.	Waste places.
<i>Wyethia</i> , Nutt.		
<i>W. helenioides</i> , Nutt.		Hillsides.
<i>W. angustifolia</i> , Nutt.,		Meadows.
<i>W. glabra</i> , Gray.,		Hillsides.
<i>Balsamorhiza</i> , Hook.		
<i>B. macrophylla</i> , Nutt.,		Hills.
<i>B. deltoidea</i> , Nutt.,		Hillsides.
<i>Helianthus</i> , L.,	Sunflower.	
<i>H. Californicus</i> , DC.,		Banks.
<i>H. Bolanderi</i> , Gray.,		Hillsides.
<i>H. exilis</i> , Gray..		Meadows.
<i>Helianthella</i> .		
<i>H. Californica</i> , Gray.,		Hillsides.
<i>Coreopsis</i> , L.,	Tickseed.	
<i>C. calliopsidea</i> , DC., ?		Moist Hillsides.
<i>Bidens</i> , L. Bur.,	Marigold.	
<i>B. chrysanthemoides</i> ,	Michx.,	Swampy Places.
<i>Leptosyne</i> , DC.		
<i>L. maritima</i> , Gray.,		Salt Marshes.
<i>L. Douglasii</i> , DC.,		Sandy Hills.
<i>Pugioxpappus</i> , Gray.		
<i>P. Bigelovii</i> , Gray.,		Sandy Hillsides.
<i>Chaenaetis</i> , DC.		
<i>Ch. heterocarpa</i> , Gray.,		Dry Hillsides.
<i>Ch. tanacetifolia</i> , Gray.,		Chaparral.
<i>Ch. lanosa</i> , DC.,		Sandy Hills.
<i>Bahia</i> , Lag.		
<i>B. artemisiæfolia</i> , Lep.,		Seashore.
<i>B. confertiflora</i> , DC.,		Dry Hillsides.
<i>B. lanata</i> , Nutt.,		Coast.
<i>B. arachnoidea</i> , Fisch & Mey.,		Thickets.
<i>Lasthenia</i> , Cass.		
<i>L. glaberrima</i> , DC.,		Wet Places.
<i>L. glabrata</i> , Lindl.,		Wet Places.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>Burrielia</i> , DC.		
<i>B. chrysostoma</i> , Gray., (also var <i>maerantha</i>)		Hills.
<i>B. maritima</i> , Gray..		Seashore.
<i>B. tenervima</i> , DC.,		Salinas Plains.
<i>Dichaeta</i> , Nutt.		
<i>D. uliginosa</i> , Nutt.,		Meadows.
<i>Rigiopappus</i> ,		
<i>R. leptocladus</i> , Gray.,		Dry Hillsides.
<i>Helenium</i> , L.	Sneeze Weed.	
<i>H. puberulum</i> , DC.,		Wet Places.
<i>H. Bolanderi</i> , Gray.,		Coast Swampy Places.
<i>Achyrrachena</i> , Schauer.,		
<i>A. mollis</i> , Schauer.,		Fields.
<i>Layia</i> , Hook & Arn.,		
<i>L. hieracioides</i> , Hook & Arn.,		Hillsides.
<i>L. carnosa</i> , Nutt.,		Seacoast.
<i>L. gaillardiooides</i> , Hook & Arn.,		
<i>L. heterotricha</i> , Hook & Arn.,		Sandy Hills.
<i>L. platyglossa</i> , Gray.,		Hillsides.
<i>L. calliglossa</i> , Gray.,		Hillsides.
<i>L. chrysanthemoides</i> , Gray.,		Hillsides.
<i>Hemizonia</i> , DC.,		
<i>H. corymbosa</i> , Torr. & Gray..		Hillsides.
<i>H. angustifolia</i> , DC.,		Hillsides.
<i>H. pungens</i> , Torr. & Gray.,		Clay Soil.
<i>H. virgata</i> , Gray.,		Dry Valleys.
<i>H. luzulæfolia</i> , DC.,		Hillsides.
<i>H. macradenia</i> , DC.,		Hillsides.
<i>H. rufis</i> , Benth.,		San Jose Valley.
<i>Calycadenia</i> , DC.,		
<i>C. truncata</i> , DC.,		Dry Hills.
<i>C. cephalotes</i> , DC.,		Dry Hills.
<i>Lagophylla</i> , Nutt.,		
<i>L. ramosissima</i> , Nutt.,		Sandy Fields.
<i>Madaria</i> , DC.,		
<i>M. elegans</i> , DC.,		Fields.
<i>M. corymbosa</i> , DC.,		Fields.
<i>Madua</i> , Molina.,		
<i>M. sativa</i> , Molina var <i>congesta</i> .,		Fields.
<i>M. racemosa</i> , Torr. & Gray.,		Fields.
<i>M. dissitiflora</i> , Torr. & Gray.,		Fields.
<i>Harpæcarpus</i> , Nutt.,		
<i>H. madarioides</i> , Nutt.,		Dry Hillsides.
<i>Marula</i> , Cass.,	May-weed.	
<i>M. Cotula</i> , DC.,		Roadsides.
<i>Achillea</i> , L.,	Yarrow.	
<i>A. Millefolium</i> , L.,		Fields.
<i>Monslopia</i> , DC.,		
<i>M. lanceolata</i> , var <i>major</i> ,		Moist Meadowa.
<i>M. minor</i> , DC.,		Hillsides.
<i>Comogyne</i> , Less.,		
<i>C. carnosia</i> , Less.,		Salt Marshes.
<i>Matricaria</i> , L.,	Wild Chamomile.	

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>M. discoidea</i> , DC.,		Waste Places.
<i>Cotula</i> , Gærtu.,		
<i>C. coronopifolia</i> , L.		Salt Marshes.
<i>Tanacetum</i> , L.,	Tansy.	
<i>T. Huronense</i> , Nutt.,		
<i>Artemisia</i> , L.,	Wormwood.	Seashore Cliff House.
<i>A. pycnocephala</i> , DC.,		
<i>A. dracunculoides</i> , Parsh.,		Sandhills.
<i>A. Canadensis</i> , Michx.,		Banks.
<i>A. filifolia</i> , Torr.,		Fields.
<i>A. discolor</i> , Dougl.,		Hillsides.
<i>A. vulgaris</i> , L.,		Fields.
<i>A. pachystachya</i> , DC.,		Fields.
<i>A. Californica</i> , Less.,		Fields.
<i>Soliva</i> , Ruiz & Pav.		Sandy Fields.
<i>S. daucifolia</i> , Nutt.,		Meadows.
<i>Gnaphalium</i> , L.,	Cudweed.	
<i>G. Californicum</i> , DC., var <i>rubrum</i> ,		Hills.
<i>G. palustre</i> , Nutt.,		Wet Places.
<i>G. purpureum</i> , L.,		Hillsides.
<i>G. ramosissima</i> var <i>erubescens</i> ,		Thickets.
<i>G. Sprengelii</i> , Hook & Arn.,		Seashore.
<i>Antennaria</i> , Gaertn.,	Everlasting.	
<i>A. margaritacea</i> , R. Br.,		Thickets.
<i>Filago</i> , Tourn.,	Cotton Rose.	
<i>F. parvula</i> , Torr & Gray,		Fields.
<i>Cacalia</i> , L.	Indian Plantain.	
<i>C. Nardosmia</i> , Gray.		Open Woods.
<i>Senecio</i> , L.,	Groundsel.	
<i>S. vulgaris</i> , L.,		Waste Places.
<i>S. Douglasii</i> , DC.,		Dry Beds and Fields.
<i>S. aronicoides</i> , DC.,		Hillsides.
<i>S. Bolanderi</i> , Gray.,		Rocks, Seashore.
<i>S. Mendocinensis</i> , Gray.,		Meadows.
<i>Arnica</i> , L.,	Arnica.	
<i>A. parviflora</i> , Gray.,		Dry Hillsides.
<i>A. cordifolia</i> , Hook. var. <i>discoidea</i> ,		Thickets.
<i>Lessingia</i> , Cham.,		
<i>L. ramolosa</i> , Gray.,		Waste Fields.
<i>L. virgata</i> , Gray.,		Dry Fields.
<i>L. Germanorum</i> , Cham.,		Dry Fields.
<i>L. leptoclada</i> , Gray.,		Sandy Fields.
<i>Centaurea</i> , L.,	Star-Thistle.	
<i>C. Melitensis</i> , L.,		Fields.
<i>C. solstitialis</i> , L.,		Grain Fields.
<i>Cirsium</i> , Tourn.,	Thistle.	
<i>C. undulatum</i> , Spreng.,		Hillsides.
<i>C. Coulteri</i> , Harv. & Gray.,		Sandy Fields.
<i>C. acaule</i> , All.,		Dry Hillsides.
<i>C. Californicum</i> , Gray.,		Fields.
<i>Silybum</i> , Vaill.,		
<i>S. Marianum</i> , Gærtn.,		

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
II. Ligulifloræ.		
<i>Calis</i> , DC..		Gravelly Hillsides.
<i>C. linearifolia</i> , DC..		Fields.
<i>C. macrochaeta</i> , Gray.		Meadows.
<i>C. Douglasii</i> , DC..		Meadows.
<i>C. Bigelovii</i> , Gray.		Around Bushes.
<i>C. aphantocarpa</i> , Gray.		Around Bushes.
<i>C. cyclocarpa</i> , Gray.		Grainfields and Meadows.
<i>C. Bolanderi</i> , Gray.		Fields.
<i>C. tenella</i> , Gray.		Meadows.
<i>C. laeiniata</i> , Gray.		Hillsides.
<i>Stephanomeria</i> , Nutt..		Hillsides.
<i>St. paniculata</i> , Nutt..		Hillsides.
<i>St. virgata</i> , Gray.		Hillsides.
<i>Refinesquia</i> , Nutt.		Gravelly Hillsides.
<i>R. Californica</i> , Nutt..		Woods.
<i>Hieracium</i> , Tourn.,	Hawkweed.	Woods.
<i>H. albiflorum</i> , Hook.		
<i>H. triste</i> , Willd.		
<i>Malacothrix</i> , DC..		Fields.
<i>M. Californica</i> , DC..		Hillsides.
<i>M. obtusa</i> , Benth.,		Hillsides.
<i>M. incana</i> , Gray,		Hillsides.
<i>M. parviflora</i> , Benth.,		Hillsides.
<i>Crepis</i> , L.,		Dry Hillsides.
<i>C. occidentalis</i> , Nutt.,		Sandy Hills.
<i>Malacolepis</i> , Harv. & Gray,		Meadows.
<i>M. Coulteri</i> , Harv. & Gray,		Fields.
<i>Macrorhynchus</i> , Less.		Fields.
<i>M. grandiflorus</i> , Torr. & Gray,		Open Woods.
<i>M. heterophyllum</i> , Nutt.,		Fields.
<i>M. humili</i> , Benth.,		Fields.
<i>M. retrorsus</i> , Benth.,		Fields.
<i>M. elatus</i> , Nutt.,		San Francisco.
<i>Sonchus</i> , L.,	Sow Thistle.	
<i>S. asper</i> , Vill.,	Spring-leaved Sow Thistle,	
<i>S. oleraceus</i> , L.,	Common Sow Thistle.	
<i>Hypochaeris</i> , glabra, L. (introduced)		

Lobeliaceæ. (Lobelia Family.)

<i>Douglasia</i> , Torr.		Borders of Swamps.
<i>D. elegans</i> , Torr.		

Campanulaceæ. (Campanula Family.)

<i>Campanula</i> , Tourn.,	Bellflower.	Swampy Places.
<i>C. linnaefolia</i> , Gray,		Redwoods.
<i>C. prenanthoides</i> , Gray,		
<i>Heterocodon</i> , Nutt.?		Grassy Plains.
<i>H. rariflorum</i> , Nutt.,		
<i>Githopsis</i> , Nutt.,		
<i>G. specularioides</i> , Nutt.,		Hillsides.

LATIN NAMES.

ENGLISH NAMES.

NATURAL HABITAT.

Ericaceæ. (Heath Family.)

<i>Vaccinium</i> , L.,	Blue berry.	
<i>V. avatum</i> , Pursh.,		Hillsides.
<i>V. parvifolium</i> , Smith,		Redwoods.
<i>Arbutus</i> , Tourn.,	Madrona.	
<i>A. Menziesii</i> , Pursh.,		Redwoods.
<i>Arctostaphylos</i> , Adams.,	Bearberry.	Manzanita.
<i>A. tomentosa</i> , Dougl.,		Hillsides.
<i>A. glauca</i> , Lindl.,		Gravelly Plains & Hills.
<i>A. pungens</i> , H. B. & K.,		Hillsides.
<i>A. nummularia</i> , Gray,		Gravelly Plains.
<i>Gaultheria</i> , Kalm.,	Wintergreen.	
<i>G. Shallon</i> , Pursh.,		Redwoods.
<i>Azalea</i> , L.,	False Honeysuckle.	
<i>A. occidentalis</i> , Torr. & Gray,		Redwoods.
<i>Rhododendron</i> , L.,	Rose Bay.	
<i>Rh. Californicum</i> , Gray,		Redwoods.
<i>Ledum</i> , L.,	Labrador Tea.	
<i>L. glandulosum</i> Nutt.,		Coast, Swampy Places.
<i>Pyrola</i> , Tourn.,	Shin Leaf.	
<i>P. rotundifolia</i> , L.,		Thickets on the Coast.
<i>Chimaphila</i> , Pursh.,	Pipsisswa.	
<i>Ch. umbellata</i> , Nutt.,		Thickets on Hills.
<i>Allotropa</i> , Torr. & Gray,		
<i>A. virgata</i> , Torr. & Gray,		Open Woods.

Plantaginaceæ. (Plantain Family.)

<i>Plantago</i> , L.,	Plantain.	
<i>P. maritima</i> , L.,		Seashore.
<i>P. Bigelovii</i> , Gray,		Hillsides.
<i>P. Patagonica</i> , Jacq.		

Plumbaginaceæ. (Leadwort Family.)

<i>Armeria</i> , Willd.,		
<i>A. vulgaris</i> , Willd. var.,		Sand Seashore—Hills.
<i>Statice</i> , Tourn.,	Marsh Rosemary.	
<i>St. Limonium</i> , L.,		Salt Marshes,

Primulaceæ. (Primrose Family.)

<i>Trientalis</i> , L.,	Chickweed Wintergreen.	
<i>T. Europaea</i> , L.,		Thickets.
<i>Glaux</i> , L.,	Sea Milkwort.	
<i>G. maritima</i> , L.,		Seashore.
<i>Anagallis</i> , Tourn.,		Pimpernel.
<i>A. arvensis</i> , L.,	Common Pimpernel.	Fields.
<i>Dodecatheon</i> , L.,	Cowslip.	
<i>D. Meadia</i> , L.,		Hillsides and Meadows.

Orobanchaceæ. (Broom-Rape Family.)

<i>Phelipaea</i> , Tourn.,	Broom-Rape.	
<i>Ph. uniflora</i> , Gray.,		Moist Hillsides.
<i>Ph. fasciculata</i> , Spreng.,		Hillsides.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
Scrophulariaceæ. (<i>Figwort Family.</i>)		
<i>Linaria</i> , Tourn.,	Toad-Flax.	Fields.
<i>L. Canadensis</i> , Spreng.,	Figwort.	Moist Places.
<i>Scrophularia</i> , Tourn.,		Shady Hillsides.
<i>S. nodosa</i> , L.,		Hillsides.
<i>Tonella</i> ,		Banks.
<i>T. collinsoides</i> , Nutt.,		Banks.
<i>Antirrhinum</i> , L.,	Snapdragon	Redwoods.
<i>A. glandulosum</i> , Lindl.,		Thickets.
<i>A. Breweri</i> , Gray,		Fields.
<i>A. vagans</i> , Gray,		Hillsides.
<i>A. vagans</i> , var., Bolanderi, Gray,	Collinsia.	Hillsides.
<i>Collinsia</i> , Nutt.,		Hillsides.
<i>C. bartsiifolia</i> , Benth.,		Hillsides.
<i>C. parviflora</i> , Dougl.,		Hillsides.
<i>C. bicolor</i> , Benth.,		Hillsides.
<i>C. violacea</i> , Nutt.,		Hillsides.
<i>C. grandiflora</i> , Dougl.,		Moist Places.
<i>C. corymbosa</i> , Hortu.,		Sandy Seashore.
<i>C. solitaria</i> , Kellogg,		Fields.
<i>Pentstemon</i> , Mitch.,	Beard Tongue.	Rocks.
<i>P. Menziesii</i> , Hook.,		Sandy Banks.
<i>P. azurius</i> , Benth., var.,		Sandy Hills.
<i>P. centranthifolius</i> , Benth.,		Mossy Shady Banks.
<i>Wulfenia</i> , Jacq.		
<i>W. remiformis</i> , Dougl.,		Hillsides.
<i>Diplacus</i> , Nutt.,		Springy Places.
<i>D. glutinosus</i> , Nutt.,	Monkey Flower.	Borders of Streams.
<i>Mimulus</i> , L.,		Moist Places.
<i>M. luteus</i> , L.,		Moist Places.
<i>M. cardinalis</i> , Dougl.,		Moist Places.
<i>M. moschatus</i> , Dougl.,		Moist Places.
<i>M. inconspicuus</i> , Gray,		Hillsides.
<i>Eunanus</i> , Benth.,		Hillsides.
<i>E. Douglasii</i> , Benth.,		Speedwell.
<i>E. Coulteri</i> , Benth.,		Springy Places.
<i>Veronica</i> , L.,		Hillsides.
<i>V. Americana</i> , Schne.,		Hillsides.
<i>Cordylanthus</i> , Nutt.		
<i>C. pilosus</i> , Gray.,		Hillsides.
<i>C. maritimus</i> , Nutt.,		Salt Marsh.
<i>Castilleja</i> , Mutis.,		
<i>C. parviflora</i> , Bong.,		Hillsides.
<i>C. affinis</i> , Hook & Arn.,		Hillsides.
<i>C. latifolia</i> , Hook & Arn.,		Coast.
<i>C. foliolosa</i> , Hook. & Arn.,		Dry Hillsides.
<i>Orthocarpus</i> , Nutt.		
<i>O. pusillus</i> , Benth.,		Meadows.
<i>O. floribundus</i> , Benth.,		Moist Meadows.
<i>O. erianthus</i> , Benth.,		Sandy Fields.
<i>O. laceras</i> , Benth.,		Moist Borders.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>O. lithospermoides</i> , Benth.,		Moist Fields.
<i>O. faucibarbatus</i> , Gray,		Moist Fields.
<i>O. densiflorus</i> , Benth.,		Moist Meadows.
<i>O. castillejoides</i> , Benth.,		Moist Meadows.
<i>O. attenuatus</i> , Gray,		Moist Meadows.
<i>O. purpureascens</i> , Benth.,		Moist Meadows.
<i>Pedicularis</i> , Tourn.,	Lousewort.	
<i>P. densiflora</i> , Benth.,		Shady Hillsides.
<i>P. attenuata</i> , Benth.,		Shady Hillsides.

Verbenaceæ. (Verbain Family.)

<i>Verbena</i> , L.,	Vervain.	
<i>V. prostrata</i> , R. Br.		Fields.
<i>V. hastata</i> , L.,		Water Courses.

Labiatae. (Mint Family.)

<i>Mentha</i> , L.,	Mint.	
<i>M. Canadensis</i> , L.,	Wild Mint.	Springy Places.
<i>Lycopus</i> , L.,	Water Horehound.	
<i>Europaeus</i> , L.,		Borders of Streams.
<i>Pogogyne</i> , Benth.,		
<i>P. Douglasii</i> , Benth.,		Dry Meadows.
<i>P. serpyloides</i> , Gray,		Dry Places.
<i>Salvia</i> , L.,	Sage.	
<i>S. carduacea</i> , Benth.,		Dry Hillsides.
<i>Audibertia</i> , Benth.,		
<i>A. grandiflora</i> , Benth.,		Dry Hillsides.
<i>A. stachyoides</i> , Benth.,		Thickets.
<i>Lophanthus</i> , Benth.,	Giant Hyssop.	
<i>L. anisatus</i> , Benth.,		Sandy Banks.
<i>Brunella</i> , Tourn.,	Self-Heal.	
<i>B. vulgaris</i> , L.,		Hills near the Coast.
<i>Scutellaria</i> , L.,	Skull-Cap.	
<i>S. tuberosa</i> , Benth.,		Hillsides.
<i>S. Bolanderi</i> , Benth.,		Hillsides.
<i>Monardella</i> , Benth.,		
<i>M. villosa</i> , Benth.,	Horehound.	Dry Rocky Banks.
<i>M. odoratissima</i> , Benth.,		Dry Rocky Banks.
<i>M. Breweri</i> , Gray,		Hillsides.
<i>Marrubium</i> , L.,	Common Horehound.	Fields.
<i>M. vulgare</i> , L.,		
<i>Stachys</i> , L.,	Hedge-Nettle.	
<i>St. ajugoides</i> , Benth.,		Thickets.
<i>St. Chamissonis</i> , Benth.,		Moist Borders.
<i>St. Nuttallii</i> , Shuttlew.,		Hillsides.
<i>Micromeria</i> , Benth.,	Yerba Buena.	
<i>M. Douglasii</i> , Benth.,		Sandy Soil.
<i>Trichostema</i> , L.,	Blue Curls.	Springy Places.
<i>T. lanceolatum</i> , Benth.,		Hillsides.
<i>T. lanatum</i> , Benth.,		Around Springs.
<i>T. laxum</i> , Gray,		
<i>Sphacele</i> , Benth.,		Dry Soil.
<i>S. calycina</i> , Benth.,		

LATIN NAMES.

ENGLISH NAMES.

NATURAL HABITAT.

Boraginaceæ. (Borage Family.)

<i>Lithospermum</i> , Tourn.,	Puccoon.	
<i>L. hirsutum</i> , Mey.,		Fields.
<i>Amsinkia</i> , Lehmann.,		Hillsides.
<i>A. intermedia</i> , Fisch & Mey.,		Hillsides.
<i>A. spectabilis</i> , Fisch & Mey.,		Hillsides.
<i>Eritrichium</i> , Schrad.,		Meadows.
<i>E. Californicum</i> , DC.,		Meadows.
<i>E. fulvum</i> , DC.,		Meadows.
<i>E. Chorisianum</i> , DC.,		Meadows.
<i>E. plebejum</i> , DC.,		Meadows.
<i>Cynoglossum</i> , Tourn.,	Hound's Tongue.	
<i>C. grande</i> , Dougl.,		Hillsides.
<i>Heliotropium</i> , Tourn.,	Heliotrope.	
<i>H. Curassavicum</i> , L.,		Alkaline Soil.

Hydrophyllaceæ. (Water-Leaf Family.)

<i>Eriodictyon</i> , Benth.,		Dry Hillsides.
<i>E. glutinosum</i> , Benth.,		
<i>Romanzofia</i> , Cham.,		Moist Shady Places.
<i>R. Sitchensis</i> , Cham.,		
<i>Nemophila</i> , Nutt.,		Hillsides.
<i>N. parviflora</i> , Benth.,		Thickets.
<i>N. atomaria</i> , Fisch & Mey.,		Fields.
<i>N. insignis</i> , Benth.,		Hillsides.
<i>N. pedunculata</i> , Benth.,		Thickets.
<i>N. aurita</i> , Lindley.,		
<i>Ellisia</i> , L.,		Hillsides.
<i>E. chrysanthemifolia</i> , Benth.,		
<i>Phacelia</i> , Juss.,		Hillsides.
<i>Ph. circinata</i> , Jacq.,		Hillsides.
<i>Ph. ramosissima</i> , Dougl.,		Hillsides.
<i>Ph. tanacetifolia</i> , Benth.,		Waste Places.
<i>Ph. malvaefolia</i> , Cham.,		Shady Places.
<i>Ph. ciliata</i> , Benth.,		Hillsides.
<i>Ph. divaricata</i> , Benth.,		Hillsides.
<i>Ph. loasifolia</i> , Benth.,		Hillsides.
<i>Ph. Douglasii</i> , Benth.,		Hillsides.
<i>Emmenanthe</i> , Benth.,		
<i>E. penduliflora</i> , Benth.,		Hillsides.

Polemoniaceæ.

<i>Collomia</i> , Nutt.,		Woods.
<i>C. grandiflora</i> , Dougl.,		Hillsides.
<i>C. gracilis</i> , Dougl.,		Hillsides.
<i>C. glutinosa</i> , Benth.,		
<i>Narcosmia</i> , Ruiz & Pav.,		Moist Places.
<i>N. leucocephala</i> , Benth.,		Hillsides.
<i>N. squarrosa</i> , Hook & Arn.,		Hillsides.
<i>N. atratyloides</i> , Hook & Arn.,		

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>Gilia</i> , Ruiz & Pav.		
<i>G. densiflora</i> , DC.,	.	Hillsides.
<i>G. elongata</i> , Steud.,	.	Hillsides.
<i>G. virgata</i> , Steud.,	.	Hillsides.
<i>G. capitata</i> , Dougl.,	.	Sandy Fields.
<i>G. multicaulis</i> , Benth.,	.	Hillsides.
<i>G. tricolor</i> , Benth.,	.	Open Wood & Meadow.
<i>G. arenaria</i> , Benth.,	.	Sandy Fields.
<i>G. dichotoma</i> , DC.,	.	Hillsides.
<i>G. pharmaceoides</i> , Benth.,	.	Hillsides.
<i>G. micrantha</i> , Steud.,	.	Hillsides.
<i>G. lutea</i> , Steud.,	.	Hillsides.
<i>G. androsacea</i> , Steud.,	.	Sandy Fields.
<i>G. grandiflora</i> , Steud.,	.	Hillsides.
<i>G. ciliata</i> , Benth.,	.	Hillsides.
<i>Polemonium</i> , Tourn.,	Greek Valerian.	
<i>P. caeruleum</i> , L.,	.	Banks.

Centianaceæ. (*Gentian Fam.*)

<i>Erythræa</i> , Pers.,	.	Centaury.	
<i>E. Muhlenbergii</i> , Griesb.,	.		Moist Meadows.
<i>Gentiana</i> , L.,	.	Gentian.	
<i>G. crocea</i> , Engelm.,	.		Moist Meadows.
<i>G. calycosa</i> , Griesb., (?)	.		Moist Places.
<i>Menyanthes</i> , L.			
<i>M. trifoliata</i> , L.,	.		Swamps.

Convolvulaceæ. (*Convolvulus Fam.*)

<i>Convolvulus</i> , L.,	.	Bindweed.	
<i>C. arvensis</i> , L.,	.		Fields.
<i>C. Californicus</i> , Choisy.,	.		Banks and Fields.
<i>Calystegia</i> , B. Br.	.	Bracted Bindweed.	
<i>C. Soldanella</i> , R. Br.	.		Hillsides.
<i>C. sepium</i> , R. Br.,	.		Seashore.
<i>Ipomœa</i> , L.			
<i>S. sagittata</i> , Desf.,	.		Hillsides.
<i>Cuscuta</i> , Tourn.,	.	Dodder.	
<i>C. Californica</i> , Choisy.,	.		On Phacelia.
<i>C. subinclusa</i> , Duran & Hilg.,	.		Salt Marshes.

Solanaceæ. (*Nightshade Fam.*)

<i>Solanum</i> , Tourn.			
<i>S. umbelliferum</i> , Esch.,	.		Thickets.
<i>S. nigrum</i> , L.,	.	Common Nightshade,	Waste Places.
<i>Nicotiana</i> , L.,	.	Tobacco.	
<i>N. quadrivalvis</i> , Pursh.,	.		Fields.

Apocynaceæ. (*Dogbane Fam.*)

<i>Apocynum</i> , Tourn.,	.	Indian Hemp.	
<i>A. androsæmifolium</i> , L.,	.	Dogbane,	Hillsides.
<i>A. cannabinum</i> , L., var <i>hypericifolium</i>	.	Indian Hemp,	River Banks.

LATIN NAMES.

ENGLISH NAMES.

NATURAL HABITAT.

Asclepiadaceæ. (Milkweed Fam.)

<i>Asclepias</i> , L.,	Milkweed.	
<i>A. fascicularis</i> , Dene.,		Hillsides.
<i>A. eriocarpa</i> , Benth.,		Hillsides.
<i>Acerates</i> , Ell.,	Green Milkweed.	
<i>A. cordifolia</i> , Benth.,		Hillsides.
<i>A. tomentosa</i> , Torr.,		Hillsides.

Oleaceæ. (Olive Fam.)

<i>Fraxinus</i> , Tourn.,	Ash.	
<i>F. Oregana</i> , Nutt.,		River Banks.

Aristolochiaceæ. (Birthwort Family.)

<i>Aristolochia</i> , Tourn.,		
<i>A. Californica</i> , Gray,		Thickets.
<i>Asarum</i> , Tourn.,	Wild Ginger.	
<i>A. Hookeri</i> , Field,		Damp Places.

Chenopodiaceæ. (Goosefoot Family.)

<i>Chenopodium</i> , L.,	Goosefoot.	
<i>Ch. album</i> , L.,	Pigweed.	
<i>Ch. urbicum</i> , L.,		Waste Places.
<i>Ch. anthelminticum</i> , L.,	Wormseed.	
<i>Obione</i> , Gärtn,		
<i>O. leucophylla</i> , Moq.,		
<i>Salicornia</i> , Tourn.,	Glasswort.	
<i>S. herbacea</i> , L.,		Salt Marshes.

Amarantaceæ. (Amaranth Family.)

<i>Amarantus</i> , Tourn.,		
<i>A. blitum</i> , L.,		Fields.
<i>A. retroflexus</i> , L.,		Fields.

Nyctaginaceæ. (Four o'clock Family.)

<i>Abronia</i> , Juss.,		
<i>A. umbellata</i> , Lam.,		Sandy Seashore.
<i>A. arenaria</i> , Menz.,		Sandy Seashore.

Polygoniaceæ. (Buckwheat Family.)

<i>Polygonum</i> , L.,	Knotweed.	
<i>P. aviculare</i> , L.,	Doorweed.	
<i>P. maritimum</i> , L.,		Salt Marshes.
<i>P. Paronychia</i> , Cham.,		Wet Places.
<i>P. acre</i> , H. B. & K.,		Salinas Valley.
<i>Rumex</i> , L.,	Dock.	
<i>R. maritimus</i> , L.,	Golden Dock.	
<i>R. Acetosella</i> , L.,	Sheep Sorrel.	
<i>Chorizanthe</i> , R. Br.,		
<i>Ch. angustifolia</i> , Nutt.,		Sandy Fields.
<i>Ch. diffusa</i> , Benth.,		Sandy Fields.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>Ch. pungens</i> , Benth.,		Sandy Fields.
<i>Ch. nudicaulis</i> , Nutt.,		Sandy Fields.
<i>Pterostegia</i> , Fisch & Mey.		
<i>P. drymariooides</i> , Fisch. & Mey.,		Hillsides.
<i>Eriogonum</i> , Michx.		
<i>E. ciliatum</i> , Torr.,		Hillsides.
<i>E. latifolium</i> , Smith.,		Sea Coast.
<i>E. parvifolium</i> , Sm.,		Hillsides.
<i>E. leucocladon</i> , Benth.,		Hillsides.
<i>E. compositum</i> , Dougl.,		Sea Coast.
<i>E. orthocladon</i> , Torr.,		Dry Hillsides.
<i>E. umbellatum</i> , Torr.,		Rocks.
<i>E. polifolium</i> , Benth.,		Sandy Hills.
<i>E. virgatum</i> , Benth.,		Grassy Places.
<i>E. acetoselloides</i> , Torr.,		Grassy Places.
<i>E. rotundifolium</i> , Benth.,		Rocky Ravines.

Lauraceæ. (*Laurel Fam.*)

<i>Oreodaphne</i> , Nees.	Laurel.	
<i>O. Californica</i> , Nees.,		Streams & Hillsides.

Thymelaceæ. (*Mezereum Fam.*)

<i>Dirca</i> , L.,	Leatherwood.	
<i>D. palustris</i> , L.,		Hillsides.

Loranthaceæ. (*Mistletoe Family.*)

<i>Phoradendron</i> , Nutt.,	False Mistletoe.	
<i>Ph. flavescentis</i> , Nutt., var. <i>pubescens</i> Englem.,		On Oaks.
<i>Arceuthobium</i> , Bieberst.		
<i>A. campylopodium</i> , Englem.,		On Pine Trees.

Saururaceæ. (*Lizard's Tail Family.*)

<i>Anemopsis</i> , Hook.,		
<i>A. Californica</i> , Nutt.,		Pools.

Datiscaceæ.

<i>Tricerastes</i> , Presl.,		
<i>T. glomerata</i> , Presl.,		Along Streams.

Euphorbiaceæ. (*Spurge Family.*)

<i>Euphorbia</i> , L.,	Spurge.	
<i>E. leptocera</i> , Englem.,		Fields.
<i>E. crenulata</i> , Englem.,		Hillsides.
<i>E. Lathyris</i> , L.,	(Naturalized.)	Monterey.
<i>Croton</i> , L.		
<i>C. procumbens</i> , Esch.,		Sandy Fields.
<i>Eremocarpus</i> , Bunge.,		
<i>E. setigerus</i> , Benth.,		Dry Valleys.
<i>Simmondsia</i> , Nutt.		
<i>S. Californica</i> , Nutt.,		Hillsides.

LATIN NAMES.

ENGLISH NAMES.

NATURAL HABITAT.

Urticaceæ. (Nettle Fam.)

<i>Urtica</i> , Tourn.,	Nettle.	
<i>U. urens</i> , L.,		
<i>U. gracilis</i> , Ait.,		

Carryaceæ.

<i>Garrya</i> , Dougl.,		Hillsides.
<i>G. elliptica</i> ,		Hillsides.
<i>G. Fremontii</i> , Gray.,		Swamps.
<i>G. Buxitolia</i> , Gray.,		

Platanaceæ. (Plane Tree Fam.)

<i>Platanus</i> , L.,	Buttonwood, Sycamore.	
<i>P. racemosa</i> , Nutt.,		Banks.

Juglandaceæ. (Walnut Fam.)

<i>Juglans</i> , L.,	Walnut.	
<i>J. rupestris</i> , Engelm.,		Walnut Creek.

Cupuliferæ. (Oak Fam.)

<i>Quercus</i> , L.,	Oak.	
	<i>Deciduous. (Fruit Annual.)</i>	
<i>Qu. Lobata</i> Nee.,	White Oak, Burr Oak,	Valleys.
<i>Qu. Douglasii</i> var <i>Gambelii</i> , Nutt.,	White Oak.,	Gravelly Soil.
	<i>Evergreens. (Fruit Annual.)</i>	
<i>Qu. Agrifolia</i> Nee.,	Common Live Oak.,	Valleys.
<i>Qu. chrysolepis</i> , Liebm.,	Mountain Live Oak.,	Hills near Coast.
	<i>Deciduous. (Fruit Biennial.)</i>	
<i>Qu. Sonomensis</i> , Benth.,	' Black Oak,	Hillsides.
	<i>Evergreen. (Fruit Biennial.)</i>	
<i>Qu. Wislizeni</i> , Engelm.,	Live Oak,	Northern Valleys.
<i>Qu. densiflora</i> , Hook.,	Chestnut Oak.,	Redwoods.
	The Shubby Oaks are omitted.	
<i>Castanea</i> , Tourn.,	Chestnut. Chinquapin.	Hillsides.
<i>C. chrysophylla</i> , Dougl.,		
<i>Corylus</i> , Tourn.,	Hazelnut.	Hillsides.
<i>C. rostrata</i> , Ait.,	Beaked Hazelnut.,	

Myricaceæ. (Sweet Gale Fam.)

<i>Myrica</i> , L.,	Bayberry, Wax-Myrtle.	
<i>M. Californica</i> , Cham. & Schl.,		Moist Banks.

LATIN NAMES.

ENGLISH NAMES.

NATURAL HABITAT.

Betulaceæ. (Birch Fam.)

<i>Alnus</i> , Tourn.,	Alder.	
<i>A. viridis</i> , DC.,	Green Alder,	Water Courses.

Salicaceæ. (Willow Fam.)

<i>Salix</i> , Tourn.,	Willow.	
<i>S. lucida</i> , Muhl., (<i>Iasiandra</i> Benth)	. . . . .	Bolinas Bay.
<i>S. longifolia</i> , Muhl.,		Streams.
<i>S. Hindsiana</i> , Benth, (<i>S. sessilifolis</i> , Nutt.,)	. . . . .	Swamps and Banks.
<i>S. Bigelovii</i> , Torr.,		San Francisco.
<i>S. lasiolepsis</i> , Benth.,		Streams.
<i>S. Coulteri</i> , Aud.,		Moist Places.
<i>S. capreoides</i> , Aud.,		Moist Places.
<i>S. brachystachys</i> , Benth.,		Open Woods.
<i>Populus</i> , Tourn.,	Poplar.	
<i>P. monilifera</i> , Ait.,	Cotton Wood,	Streams.

Coniferæ. (Pine Fam.)

<i>Pinus</i> , Tourn.,	Pine.
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Leaves two in a close sheath; cones persistent.

<i>P. muricata</i> , Don.,	Bishop Pine,	Hills on the Coast.
<i>P. contorta</i> , Dougl. (<i>P. Bolanderi</i> Pal ?)	Twisted Pine,	Coast.

Leaves three in a close sheath; cones persistent.

<i>P. insignis</i> , Dougl.,	Monterey Pine,	Sea Coast.
<i>P. tuberculata</i> , Don., . . . . .	. . . . .	Hillsides.
<i>P. Sabiniana</i> , Dougl.,	Digger Pine,	Dry Hillsides.
<i>P. Coulteri</i> , Don., . . . . .	. . . . .	Hillsides.

Leaves three in a close sheath; cones falling after shedding the seed.

<i>P. ponderosa</i> , Dougl.,	Yellow Pine,	Higher Hills.
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Leaves five in a close sheath; cones falling after shedding the seed.

<i>P. Lambertiana</i> , Dougl.,	Sugar Pine,	Highest Hills.
<i>Picea</i> , L.,	Fir.	
<i>P. grandis</i> , Dougl.,	White Fir,	Coast Range.
<i>Abies</i> , L.,	Hemlock & Spruce.	
<i>A. Mertensiana</i> , Bong.,	Hemlock Spruce,	Northern Coast Range.
<i>A. Douglasii</i> , Lindl.,	Spruce,	Redwoods.
<i>A. Menziesii</i> , Dougl.,	Black Spruce,	Northern Redwoods.
<i>Thuja</i> , Tourn.,	Arbor Vitæ.	
<i>Th. gigantea</i> , Nutt., . . . . .	. . . . .	Northern Coast Range.
<i>Libocedrus</i> , Endl.,	Bastard Cedar.	
<i>L. decurrens</i> , Torr., . . . . .	. . . . .	Eastern Coast Range.
<i>Sequoia</i> , Endl.,	Redwood.	
<i>S. sempervirens</i> , Endl., . . . . .	. . . . .	Coast Range.
<i>Torreya</i> , Arnott,	Nutmeg.	
<i>T. Californica</i> , Torr., . . . . .	. . . . .	Redwoods.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>Cupressus</i> , Tourn.,	Cypress.	
<i>C. macrocarpa</i> ,	Monterey Cypress,	Coast.
<i>C. Maenabiana</i> , Murrey.,		Dry Hillsides.

A species of shrubby *Juniperus* occurs sparingly on Monte del Diablo; its specific name is unknown to me.

Juniperus

CLASS II.—MONOCOTYLEDONOUS PLANTS.

Araceæ. (*Arum Fam.*)

<i>Symplocarpus</i> , Sabisb.,	Skunk Cabbage.	
<i>S. Kamtschaticus</i> , Bong.,		Swamps on the Coast.

Lemnaceæ. (*Duckweed Fam.*)

<i>Lemna</i> , L.,	Duck's Meat.	
<i>L. trisulca</i> , L.,		Stagnant Waters.

Typhaceæ, (*Cat Tail Fam.*)

<i>Typha</i> , Tourn.,	Cat Tail Flag.	
<i>T. latifolia</i> , L.,		Swamps.

Naiadaceæ, (*Pondweed Fam.*)

<i>Potamogeton</i> , Tourn.,	Pondweed.	
<i>P. natans</i> , L.,		Ponds.
<i>P. pectinatus</i> , L.,		Salt Water Marshes and Streams.
<i>Heterostylus</i> , Hook.		
<i>H. gramineus</i> , Hook.,		Marshy Places.

Alismaceæ, (*Water Plantain Fam.*)

<i>Triglochin</i> , L.,	Arrow Grass.	
<i>T. maritimum</i> , L.,		Salt Marshes.
<i>Alisma</i> , L.,	Water Plantain.	
<i>A. Plantago</i> , L., var <i>Americanum</i> ,		Swampy Places.
<i>A. Californica</i> , Torr.,		Swampy Places.

Orchidaceæ, (*Orchis Fam.*)

<i>Habenaria</i> , Willd.,	Rein Orchis.	
<i>H. dilatata</i> Lindl.,		Swamps.
<i>H. elegans</i> , Lindl.,		Swamps.
<i>Spiranthes</i> , Richard.,	Ladies Tresses.	
<i>S. gracilis</i> , Bigg.,		Hillsides.
<i>S. decipiens</i> , Hook.,		Redwoods.
<i>Epipactis</i> , Hall.		
<i>E. Americana</i> , Lindl.,		Borders of Streams.
<i>Corallorrhiza</i> , Haller.,	Coral Root.	
<i>C. striata</i> Lindl.,		Woods.
<i>Cypripedium</i> , L.,	Lady's Slipper.	

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
C. Californicum, Gray.,		Swamps.
C. sp. ?		Redwoods.

Iridaceæ, (*Iris Fam.*)

Iris, L.,	Flower-de-Luce.	Flag.
I. longipetala, Herb.,		Hillsides.
I. macrosiphon, Torr. & Gray.,		Hillsides.
I. Douglasiana, Herb.,		Woods.
Sisyrinchium, L.,	Blue-eyed Grass.	
S. Bermudiana, L.,		Meadows.
S. lineatum, Torr.,		Swamps.

Liliaceæ, (*Lily Fam.*)

Trillium, L.,	Three-leaved Nightshade.	
T. sessile, L.,		Shady Places.
T. ovatum, Pursh.,		Redwoods.
Veratrum, Tourn.,	False Hellebore.	
V. fimbriatum, Gray.,		Swampy Coast.
V. Californicum, Durand.,		Moist Places.
Xerophyllum, Michx.		
X. setifolium, Michx.,		Dry Hills and Plains.
Tofieldia, Huds.,	False Asphodel.	
T. glutinosa, Willd.,		Swamps.
Prosartes, Don.		
P. Hookeri, Torr.,		Thickets.
P. trachyandra, Torr.,		Redwoods.
Streptopus, Michx.,	Twisted-Stalk.	
St. amplexifolius, DC.,		Damp Thickets.
Anticlea, Kth.		
A. Fremonti, Torr.,		Hillsides.
Scoliopus, Torr.		
S. Bigelovii, Torr.,		Redwoods.
Clintonia, Raf.		
C. Andrewsiana, Torr.,		Redwoods.
Smilacina, Desf.,	False Solomon's Seal.	
S. racemosa, Desf.,	False Spikenard.	Thickets.
S. stellata, Desf.,		Shady Hillsides.
S. bifolia, Ker.,		Shady Places.
Lilium, L.,	Lily.	
L. Canadense, L. var.,		Moist Places.
L. Washingtonianum, Kellogg,	White Lily.	Hills.
Erythronium, L.,	Dog's Tooth Violet.	
E. grandiflorum, Pursh.,		Redwoods.
Fritillaria, L.		
F. Kamtschatcensis,		On Creeks.
F. lanceolata, Lindl.,		Shady Hillsides.
F. recurva, Benth.,		Woods.
Liliorhiza, Kellogg.		
L. lanceolata, Kellogg,		Meadows.

LATIN NAMES	ENGLISH NAMES	NATURAL HABITAT.
<i>Cyclobothra</i> , Don.		Woods.
<i>C. alba</i> , Benth.		Gravelly Soil.
<i>C. pulchella</i> , Benth.		Meadows.
<i>C. elegans</i> .		Hillsides.
<i>C. caerulea</i> , Kellogg.		
<i>Calochortus</i> , Pursh.		Meadows.
<i>C. luteus</i> , Dougl.		Shady Hillsides.
<i>C. uniflorus</i> , Hook & Arn.		Meadows.
<i>C. venustus</i> , Benth.		
<i>Camassia</i> , Lindl.		Marshes.
<i>C. esculenta</i> , Lindl.		
<i>Chlorogalum</i> , Lindl.	Soap Root.	Dry Hillsides.
<i>Ch. pomeridianum</i> , Kunth.		Marshes.
<i>Ch. sp.</i>		
<i>Hesperomecon</i> , Lindl.		Hills and Coast.
<i>H. maritimum</i> , Torr.		Swampy Places.
<i>H. lacteum</i> , Lindl.		
<i>Brodiaea</i> , Smith.		Meadows.
<i>B. congesta</i> , Kth.		Redwoods.
<i>B. coccinea</i> , Gray.		Fields.
<i>B. grandiflora</i> , Smith.		Sandy Fields.
<i>B. granitiflora</i> , var. <i>minor</i>		
<i>Seubertia</i> , Wats.		Clay Soil.
<i>S. laxa</i> , Kth.		
<i>Calyptrata</i> , Lindl.		Hillsides & Meadows.
<i>C. lutea</i> , Lindl.		
<i>Bloomeria</i> , Kellogg.		Hillsides.
<i>B. aurea</i> , Kellogg.		
<i>Allium</i> , L.	Onion, Garlic.	
<i>A. acuminatum</i> , Hook.		Meadows.
<i>A. falcifolium</i> , Hook.		Dry Loose Soil.
<i>A. amplectens</i> , Torr. & Gray.		Rocky Places.
<i>A. maritimum</i> , Torr.		Sea Coast.
<i>A. occidentale</i> , Gray.		Rocky Places.
<i>Narthecium</i> , Moehring.	Bog—Asphodel.	
<i>N. ossifragum</i> , var. <i>occidentale</i> ,		Swamps.

Juncaceæ. (Rush Family.)

<i>Luzula</i> , DC.	Wood Rush.	
<i>L. campestris</i> , DC.		Hillsides.
<i>Juncus</i> , L.	Bog Rush.	
<i>J. compressus</i> , HB. & K.		Sandy River Bottoms.
<i>J. Brewerii</i> , Engelm.		Wet Sandy Soil.
<i>J. Balticus</i> , Deth.		Marshes.
<i>J. Lescurii</i> , Bol.		Brackish Marshes.
<i>J. procerrus</i> , E. Mey.		Salt Marshes.
<i>J. patens</i> , E. Mey.		Wet Places.
<i>J. bufonius</i> , L.		Everywhere.
<i>J. tenuis</i> , Willd.		Swampy Places.
<i>J. talcatum</i> , E. Mey.		Wet Meadows.
<i>J. supiniformis</i> , Engelm.		Swamps

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
J. Bolanderi, Englm.,	Wet Places.
J. xiphioides, E. Mey.,	Water Course.
J. oxymeris, Englm.,	Wet Places.
J. phaeocephalus, Englm.,	Wet Places.
J. triformis, var. uniflorus, Englm.,	Meadows.
J. Kelloggii, Englm.,	Sandy Places.

Commelinaceæ. (Spiderwort Family.)*Tradescantia*, L.

T. sp.	Oakland Hills.
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Cyperaceæ. (Sedge Family.)

<i>Cyperus</i> , L.,	Galingale.	
<i>C. erythrorhizos</i> , Muhl.,	Borders of Lakes.
<i>C. inflexus</i> , Muhl., . . . . .	. . . . .	Borders of Lakes.
<i>C. phymatodes</i> , Muhl., . . . . .	. . . . .	Sandy River Banks.
<i>Eleocharis</i> , R. Br.,	Spike-Rush.	
<i>E. palustris</i> , R. Br., . . . . .	. . . . .	Swamps.
<i>E. sp.?</i> . . . . .	. . . . .	Swamps.
<i>E. acicularis</i> , R. Br., . . . . .	. . . . .	Swamps.
<i>Scirpus</i> , L.,	Bulrush.	
<i>S. pygmaeus</i> , Gray., . . . . .	. . . . .	Salt Marshes.
<i>S. carinatus</i> , Gray., . . . . .	. . . . .	Moist Meadows.
<i>S. maritimus</i> , L.,	Sea Club-Rush.	Salt Marshes.
<i>S. sylvaticus</i> , L., . . . . .	. . . . .	Swamps.
<i>S. lacustris</i> , L.,	Tule.	Water Courses.
<i>S. criniger</i> , Gray., . . . . .	. . . . .	Swamps.
<i>S. triquetus</i> , L., . . . . .	. . . . .	Water Courses.
<i>Carex</i> ,	Sedge.	
<i>C. siccata</i> , Dewey, . . . . .	. . . . .	(Mark West's Creek.) Low Places.
<i>C. Xalapensis</i> , Kunth., . . . . .	. . . . .	(Mark West's Creek.) Swamps.
<i>C. Hookeriana</i> , Dewey, . . . . .	. . . . .	(Oakland.) Grassy Hillsides.
<i>C. paniculata</i> , L., . . . . .	. . . . .	(Oakland.) Meadows.
<i>C. leporina</i> , L. ? . . . .	. . . . .	Meadows.
<i>C. Deweyana</i> , Schwartz, . . . . .	. . . . .	(Napa Valley.) Hillsides.
<i>C. propinquia</i> , Nees., . . . . .	. . . . .	(Mark West's Creek.) Swamps.
<i>C. festiva</i> , Dewey, . . . . .	. . . . .	(Punta de los Reyes.) Hillsides.
<i>C. straminea</i> , Willd., . . . . .	. . . . .	Meadows.
<i>C. lagopodioides</i> , Schkr., . . . . .	. . . . .	(Mark West's Creek.) Wet Places.
<i>C. Hoodii</i> , Boott, . . . . .	. . . . .	(Mark West's Creek.) Wet Places.
<i>C. sterilis</i> , Willd. var., . . . . .	. . . . .	Swamps.
<i>C. stellulata</i> , Good, . . . . .	. . . . .	(Santa Rosa Creek.) Swamps.
<i>C. Bolanderi</i> , Olney, . . . . .	. . . . .	(Redwoods.) Water Courses.
<i>C. vulgaris</i> , Fries var.* . . . . .	. . . . .	(Oakland.) Water Courses.
<i>C. salina</i> Wahlbg var minor, . . . . .	. . . . .	(Coast.) Swamps.
<i>C. aquatilis</i> , Wahlbr., . . . . .	. . . . .	(Twelve Mile House.) Swamps.
<i>C. Sitchensis</i> , Presc., . . . . .	. . . . .	(Tomales Bay.) Marshes.
<i>C. laciniata</i> , Boott, . . . . .	. . . . .	(Mark West's Creek, Oakland.) Swamps.
<i>C. cryptocarpa</i> , Mey., . . . . .	. . . . .	(Twelve Mile House.) Swamps.
<i>C. amplifolia</i> , Boott, . . . . .	. . . . .	(Coast.) Cañons.
<i>C. laxiflora</i> , Lam. var. <i>plantaginea</i> , Boott, . . . . .	. . . . .	(Coast.) Dry Shady Hillsides.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>C. Kniesskernii</i> , Dewey,		Wet Places.
<i>C. globosa</i> , Boott,		(Redwoods.) Hillsides.
<i>C. Geyeri</i> , Boott,		(Redwoods.) Hillsides.
<i>C. trichocarpa</i> , Muhl. var.,		Meadows.
<i>C. Cherokeensis</i> , Schwntz,	(Santa Rosa Creek.)	Swamps.
<i>C. vesicaria</i> , L.	(Mark West's Creek.)	Wet Places.
<i>C. utriculata</i> , Boott,	(Twelve Mile House.)	Swamps.
<i>C. hystricina</i> , Willd		(Redwoods.) Swamps.
<i>C. polymorpha</i> , Muhlbg., (New species.)		Meadows.
<i>C. bifida</i> , Boott,		(Salinas Valley.)
<i>C. gynodynama</i> , Olney,		(Coast.) Meadows.
<i>C. cinnamomea</i> , Olney,		(Coast.) Meadows.
<i>C. Luzulina</i> , Olney,		(Coast.) Meadows.

Gramineæ. Grasses.

<i>Leersia</i> , Solander,	White Grass.	
<i>L. oryzoides</i> , Swartz,	Rice Cut Grass.	Creeks.
<i>Phalaris</i> , L.	Canary Grass.	
<i>Ph. Canariensis</i> , L.	Canary Grass. (proper.)	Fields.
<i>Ph. Californica</i> , Hook,	Native Canary Grass.	Moist Places.
<i>Ph. angusta</i> , Nees.,		Moist Meadows.
<i>Anthoxanthum</i> , L.	Sweet Vernal Grass.	
<i>A. odoratum</i> , L.		Meadows.
<i>Hierochloa</i> , Gmelin,	Holy Grass.	
<i>H. macrophylla</i> , Thurb.		Redwoods.
<i>Holcus</i> , L.	Meadow Soft Grass.	
<i>H. lanatus</i> , L.	Velvet Grass.	Meadows.
<i>Beckmannia</i> , Host.		
<i>B. eruciformis</i> , Host.		Moist Meadows.
<i>Paspalum</i> , L.		
<i>P. distichum</i> , L.	Joint Grass.	Moist Meadows.
<i>Panicum</i> , L.	Panic Grass.	
<i>P. capillare</i> , L.	Old Witch Grass.	Meadows.
<i>P. dichotomum</i> , L.		Banks.
<i>P. dichotomum</i> , L. var. <i>thermale</i> Bol.		Geysers.
<i>P. Crus-Galli</i> , L.	Barnyard Grass.	Along Streams.
<i>Stipa</i> , L.	Feather Grass.	
<i>St. setigera</i> , Presl.,?		Hills and Meadows.
<i>St. Phillipii</i> , Steud. ??		Hillsides and Thickets.
<i>St. viridula</i> , Trin.		Banks Eel River.
<i>Alopecurus</i> , L.	Fox Tail Grass.	
<i>A. pratensis</i> ,	Meadow Fox Tail.	Meadows.
<i>A. geniculatus</i> , L.	Floating Fox Tail.	Moist Places.
<i>Phleum</i> , L.	Cat's-tail Grass.	
<i>Ph. pratense</i> , L.	Timothy.	Meadows.
<i>Ph. alpinum</i> , L.		Fort Point.
<i>Vilfa</i> , Adans.	Rush Grass.	
<i>V. aroides</i> , Torr.,		Sandy Banks.
<i>Agrostis</i> , L.	Bent Grass.	
<i>A. asperifolia</i> , Trin.,		Moist Places.
<i>A. scabra</i> , Willd., (<i>laxiflora</i>)	Hair Grass.	Coast.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>A. pallens</i> , Trin.	.	Loose Soil.
<i>A. exarata</i> , Trin.	.	Everywhere.
<i>A. canina</i> , L.	Brown Bent Grass.	Coast.
<i>A. pallida</i> , DC. ??	.	Moist Meadows.
<i>A. vulgaris</i> , With.	Red Top.	Meadows.
<i>A. verticillata</i> , Vill.	.	Springy Places.
<i>Polypogon</i> , Desf.	Beard Grass.	.
<i>P. Monspeliensis</i> , Desf.	.	Springy Places.
<i>P. fugax</i> , Nees.	.	Wet Places.
<i>Vasaya</i> , Thurb.	.	.
<i>V. comata</i> , Thurb. (Discovered by Dr. Kellogg, near Long Valley.)	.	Rocky Places.
<i>Cinna</i> , L.	Reed Grass.	.
<i>C. macroura</i> , Kunth.	.	Dry Creeks.

* This grass is used by the Indians for making baskets.

<i>Gastridium</i> , Beauv.	.	
<i>G. australe</i> , Beauv.	.	Hills and Hillsides.

* This species covers all our hills late in the season. Introduced ?

<i>Calamagrostis</i> , Adans.	Reed Bent Grass.	
<i>C. sylvatica</i> , DC.	.	Redwoods.
<i>C. Aleutica</i> , Bong.	.	Hillsides.
<i>C. stricta</i> , Tim.	.	Coast.
<i>C. varia</i> , Schrad. ?	.	Moist Places Coast.
<i>Phragmites</i> , Trin.	Reed.	
<i>P. communis</i> , Trin.	.	Borders of Lakes.
<i>Cynodon</i> , Rich.	Bermuda or Scutch Grass.	
<i>C. Dactylon</i> , Pers.	.	Wet Places.
<i>Spartina</i> , Schr.	Cord or Marsh Grass.	
<i>S. stricta</i> , Roth.	Salt Marsh Grass	
<i>Ara</i> , L.	Hair-Grass.	
<i>A. cæspitosa</i> , L.	Common Hair Grass.	Wet Places.
<i>A. calycina</i> , Presl. (<i>danthonioides</i>)	.	Moist Shadows.
<i>A. elongata</i> , Hook.	.	Moist Places.
<i>Trisetum</i> , Pers.	.	
<i>T. cernuum</i> , Trin.	.	Thickets.
<i>T. elatum</i> , Nutt.	.	Hillsides & Meadows.
<i>T. barbatum</i> , Steud.	.	Hillsides & Thickets.
<i>Avena</i> , L.	Oat.	
<i>A. fatua</i> , L.	Wild-Oats.	Fields.
<i>Arrhenatherum</i> , Beauv.	Oat Grass.	
<i>A. avenaceum</i> , Beauv.	.	Meadows.
<i>Danthonia</i> , DC.	Oat Grass.	
<i>D. Californica</i> , Bol.	.	Meadows.
<i>Poa</i> , L.	Meadow Grass, Speed Grass.	
<i>P. annua</i> , L.	Low Speed Grass	Low Places.
<i>P. trivialis</i> , L.	Roughish Meadow Grass.	Hillsides & Meadows.
<i>P. pratensis</i> , L.	Common Meadow Grass.	Meadows.
<i>P. brachyphylla</i> , Schult.	.	Moist Thickets.
<i>P. Douglasii</i> , Nees. (<i>Californica</i> , Steud.)	.	Sandy Hills.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>Atropis</i> , Rupr.		
<i>A. californica</i> , Munro.		Meadows.
<i>Brizopryrum</i> , Link.	Spike Grass.	
<i>B. spicatum</i> , Hook & A.		Salt Marshes.
<i>Briza</i> , L.	Quacking Grass.	
<i>B. media</i> .		Fields. Mission.
<i>Glyceria</i> , R. Br.	Manna Grass.	
<i>G. pauciflora</i> , Presl.		Streams.
<i>G. nervata</i> , Torr.	Fowl Meadow Grass.	Water Courses.
<i>G. maritima</i> , Wahl.	Sea Spear Grass.	Salt Marshes.,
<i>Lophochloa</i> , Nees.		
<i>L. californica</i> , Nees		Wet Meadows.
<i>Melica</i> , L.	Melic-Grass.	
<i>M. imperfecta</i> , Trin.		Thickets.
<i>M. poaeoides</i> , Nutt.		Dry Hillsides.
<i>M. Geyeri</i> , Munro.		Open Woods.
<i>M. acuminata</i> , Bol.		Redwoods.
<i>M. Harfordii</i> , Bol.		Redwoods.
<i>Koeleria</i> , Pers.		
<i>K. cristata</i> , Pers.		Dry Meadows & Hills.
<i>Dactylis</i> , L.	Orchard Grass.	
<i>D. glomerata</i> , L.		Gardens & Meadows.
<i>Festuca</i> , L.	Fescue Grass.	
<i>F. Myurus</i> , L.		Fields.
<i>F. tenella</i> , Willd.		Meadows.
<i>F. microstachys</i> , Nutt.		Hillsides.
<i>F. occidentalis</i> , Hook.		Thickets.
<i>F. scabrella</i> , Torr.	Bunch Grass.	Moist Places.
<i>Bromus</i> , L.	Brome Grass.	
<i>B. racemosus</i> , L.	Upright Chess.	Waste Places.
<i>B. sterilis</i> , L.		Waste Places.
<i>B. ciliatus</i> , L.		Hillsides.
<i>B. virens</i> , Nutt.		Moist Places & Meadows.
<i>Lolium</i> , L.	Darnel.	
<i>L. perenne</i> , L.	Rye or Ray-Grass.	Meadows.
<i>L. tremulentum</i> , L.	Bearded Darnel.	Grain Fields.
<i>Triticeum</i> , L.	Wheat.	
<i>T. repens</i> .	Quick-Grass.	Fields.
<i>Elymus</i> , L.	Lime Grass.	
<i>E. Sibiricus</i> , L.		Fields & Hillsides.
<i>E. condensatus</i> , Presl.		Banks.
<i>Gymnostichum</i> , Schreb.		
<i>G. Californicum</i> , Bol.		Open Woody Hillsides.
<i>Sitanion</i> , Raf.		
<i>S. elymoides</i> , L.		Dry Hillsides.
<i>Hordeum</i> , L.	Barley.	
<i>H. pratense</i> , L.	Squirrel-Tail Grass.	Meadows.
<i>H. murinum</i> , L.		Waste Places.
<i>Lepturus</i> , R. Br.		
<i>L. Bolanderi</i> , Thurb.		Dry Hillsides.
<i>L. paniculatus</i> , Nutt.	(By Dr. Canfield, Monterey.)	Salinas Plains.

LATIN NAMES.

ENGLISH NAMES.

NATURAL HABITAT.

CRYPTOCAMOUS OR FLOWERLESS PLANTS.

Equisetaceæ. (Horse Tail Family.)

<i>Equisetum</i> , L.,	Scouring Rush.	
<i>E. hyemale</i> , L.,	Schave Grass.	Banks.
<i>E. eburneum</i> , Schr.		Moist Thickets.
<i>E. fluviatile</i> , L.		Shady Places.

Filices. Ferns.

<i>Polypodium</i> , L.		
<i>P. Californicum</i> , Kaulf.		Banks.
<i>P. Scouleri</i> , Hook.		Rocks.
<i>Adiantum</i> , L.,	Maidenhair.	
<i>A. pedatum</i> , L.,		Shady Banks.
<i>A. Chilense</i> , Kaulf.		Shady Banks.
<i>Pteris</i> , L.,	Brake.	
<i>P. aquilina</i> , L.,	Common Brake.	Everywhere.
<i>Pellaea</i> , Link.,	Cliff-Brake.	
<i>P. andromedæfolia</i> , Hook.		Rocky Hillsides.
<i>P. mucronata</i> , Eat.,		Rocky Hillsides.
<i>P. densa</i> , Hook.		Shady Rocks.
<i>Gymnogramme</i> , Desv.,		
<i>G. triangularis</i> , Kaulf.		Shady Hillsides.
<i>Woodwardia</i> , Sm.,		
<i>W. radicans</i> , Willd.		Around Springs.
<i>Cystopteris</i> Bernh.		
<i>C. fragilis</i> , Bernh.		Canons.
<i>Aspidium</i> , Sw.,		
<i>A. munitum</i> , Kaulf.		Shady Hillsides.
<i>A. Californicum</i> , Eat.,		Canons.
<i>Nephrodium</i> , Rich.,		
<i>N. rigidum</i> , Desv.		Wet Places.
<i>N. Felix-mas</i> , Rich.,		Canons.

Hydropterides.

<i>Azolla</i> , Lam.,		
<i>A. Caroliniana</i>		Floating on Pools.

Musci. Mosses.

<i>Sphagnum</i> Dill.,		
<i>S. subsecundum</i> , Nees & Hrnsh.,		Swamps-Coast.
<i>S. subsecundum</i> var. <i>longifolium</i>		
<i>S. auriculatum</i> , Schp.,		Swamps-Coast.
<i>S. cymbifolium</i> , Ehrh.,		Swamps-Coast.
<i>Ephemerum</i> , Hpe.,		Meadows.
<i>E. serratum</i> , Hpe.,		
<i>Sphaerangium</i> , Schp.,		
<i>S. muticum</i> , Schp.,		Meadows.
<i>Phaseum</i> , Schreb.,		
<i>Ph. cuspidatum</i> , Schreb.,		Meadows.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>Ph. bryoides</i> , Dicks.		Grassy Hillsides.
<i>Pleuridium</i> , Brid.		
<i>P. subulatum</i> , Bruch & Schp.		Borders of Ditches.
<i>Gymnostomum</i> , Brech & Schp.		
<i>G. calcarium</i> , Nees & Hrnsch.		Wet Rocks.
<i>Weisia</i> , Hedw.		
<i>W. viridula</i> , Brid.		Shady Hillsides.
<i>W. cirrhata</i> , Hedw.		On Redwoods.
<i>Dicranum</i> .		
<i>D. varium</i> , Hedw.		Borders of Creeks.
<i>D. heteromallum</i> , Hedw.		Ditches.
<i>D. fuscescens</i> , Turn.		Redwood Stumps.
<i>D. scoparium</i> , L.		Redwood Stumps.
<i>Fiss. lvs.</i> , Hedw.		
<i>F. limbatus</i> , Sull.		Shady Hillsides.
<i>F. granditrons</i> , Brid.		Wet Rocks.
<i>Anac'opt.</i> , Roth.		
<i>A. Starkeana</i> , Nees & Hrnsch.		Clay Soil.
<i>Cratel'ia</i> , Brid.		
<i>C. purpureus</i> , Brid.		Hillsides.
<i>Lept. trich.</i> , Hpe.		
<i>L. Schimperi</i> , Lesq.		Dry Borders.
<i>Trichostomum</i> , Hedw.		
<i>T. rigidulum</i> , Smith.		Ground.
<i>T. tophaceum</i> , Brid.		Wet Rocks.
<i>F. anomalum</i> , Schp.		Ground.
<i>F. flexipes</i> , Bruch & Schp.		Ground.
<i>Desmatodon</i> , Brid.		
<i>D. Californicus</i> , Lesq.		Shady Borders.
<i>D. Guepini</i> , Bruch & Schp.		Shady Borders.
<i>Barbula</i> , Hedw.		
<i>B. fallax</i> , Hedw.		Rocks.
<i>B. subfallax</i> , Mull.		Rocks.
<i>B. artocarpa</i> , Lesq.		Borders of Creeks.
<i>B. vinealis</i> , Brid.		Sandy Soil.
<i>B. flexifolia</i> , Hpe.		Rocks.
<i>B. Virescens</i> , Lesq.		Ground.
<i>B. convoluta</i> , Hedw.		Shady Ground.
<i>B. cuneifolia</i> , Brid.		Shady Ground.
<i>B. Wahliana</i> , Schultz.		Shady Ground.
<i>B. Bolanderi</i> , Lesq.		Rocks.
<i>B. amplexa</i> , Lesq.		Shady Ground.
<i>B. marginata</i> , Bryol., Eu.		Ground.
<i>B. brevipes</i> , Lesq.		Rocks.
<i>B. inermis</i> , Bruch.		Rocks.
<i>B. levigata</i> , Brid.		Rocks.
<i>B. latitolia</i> , Brid.		Borders of Creeks.
<i>B. ruralis</i> , Hedw.		Rocks.
<i>B. Muelleri</i> , Bruch.		Rocks.
<i>Grimmia</i> , Ehrh.		
<i>G. concreta</i> , Funk		Rocks.
<i>G. pulvinata</i> , Smith.		Rocks.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>G. trichophylla</i> , Grev.,		Rocks.
<i>G. Californica</i> , Sullv.,		Rocks.
<i>G. leucophæa</i> , Grev.,		Rocks.
<i>G. montana</i> , Brch & Schp.,		Rocks.
<i>Racomitrium</i> , Brid.,		
<i>R. canescens</i> , Brid.,		Rocks.
<i>Hedwigia</i> , Ehrh.		
<i>H. ciliata</i> , Ehrh.,		Rocks.
<i>Braunia</i> , Brch & Schp.,		
<i>B. Californica</i> , Lesqx.,		Rocks.
<i>Zygodon</i> , Bruch & Schp.,		
<i>Z. Californicus</i> , Muell.,		Shaded Rocks.
<i>Orthotrichum</i> , Hedw.,		
<i>O. cupulatum</i> , Hoffm.,		Trees.
<i>O. Texanum</i> , Sull.,		Trees.
<i>O. speciosum</i> , Nees.,		Trees.
<i>O. rivulare</i> , Turn.,		Trees.
<i>O. cylindrocarpum</i> , Lesqx.,		Trees.
<i>O. Lyellii</i> , Hook.,		Trees and Rocks.
<i>O. pulchellum</i> , Smith.,		Trees.
<i>Encalypta</i> , Schreb.		
<i>E. vulgaris</i> , Hedw.,		Ground.
<i>E. ciliata</i> , Hedw.,		Shaded Rocks.
<i>Physcomitrium</i> , Brid.		
<i>P. pyriforme</i> , Brid.,		Swampy Places.
<i>Enhostodon</i> , Schwae gr.		
<i>E. Bolanderi</i> , Lesqx.,		Banks.
<i>E. Templetoni</i> , Schw.,		Gravelly Soil.
<i>Funaria</i> , Schreb.		
<i>F. Californica</i> , Sull & Lesqx.,		Gravelly Soil.
<i>F. calcarea</i> , Wahl.,		Soil.
<i>F. hygrometrica</i> , Hedw.,		Everywhere.
<i>Bryum</i> , Dill.		
<i>B. pyriforme</i> , Hedw.,		Wet Borders.
<i>B. Tozeri</i> , Grev.,		Wet Borders.
<i>B. albicans</i> , Wahl.,		Hillsides.
<i>B. torquescens</i> , Bruch & Schp.,		Hillsides.
<i>B. argenteum</i> , L.,		Hillsides.
<i>B. Californicum</i> , Sull.,		Hillsides.
<i>B. occidentale</i> , Sull.,		Hillsides.
<i>B. Canariense</i> , Brid.,		Hillsides.
<i>Mnium</i> , L.		
<i>M. affine</i> , Bland.,		Shady Banks.
<i>M. venustum</i> , Mitt.,		Shady Places.
<i>Aulacomnium</i> , Schwgr.		
<i>A. androgynum</i> , Schwgr.,		Redwood Stumps.
<i>A. palustre</i> , Schwgr.,		Swamps.
<i>Bartramia</i> , Hedw.		
<i>B. stricta</i> , Brid.,		Ground.
<i>B. fontana</i> , Brid.,		Springy Places.
<i>B. Menziesii</i> , Turn.,		Rocks.
<i>Atrichum</i> , Tal. Beauv.		

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>A. undulatum</i> , Tal. Beauv.		
<i>Polytrichum</i> , Dill.		
<i>P. juniperinum</i> , Hedw.,		Rocky Ground.
<i>Fontinalis</i> , Dill.		
<i>F. antipyretica</i> ,		Streams.
<i>Dichelynia</i> , Myr.		
<i>D. Swartzii</i> , Lindb.		Swamps.
<i>Neckera</i> , Hedw.		
<i>N. Menziesii</i> , Hook.		Trees.
<i>N. Douglasii</i> , Hook.,		Trees.
<i>Alaria</i> , Sull.,		
<i>A. Californica</i> , Sull.,		Rocks & Trees.
<i>A. longipes</i> , Sull & Lesq.,		Rocks.
<i>A. abietina</i> , Sull.,		Trees.
<i>Antitrichia</i> , Brid.,		
<i>A. curtipendula</i> , var. <i>gigantea</i> , Sull & Lesq.,.		Rocks.
<i>A. Californica</i> , Sull.,		Rock & Trees.
<i>Anomodon</i> , Hook & Tayl.		
<i>A. Caifornicum</i> , Lesq.,		Ground.
<i>Fabronia</i> , Raddi.		
<i>F. pusilla</i> , Raddi.		Trees.
<i>Pterogonium</i> , Swartz,		
<i>P. gracile</i> , Swartz,		Rocks & Trees.
<i>Hypnum</i> , Dill.		
<i>H. crispifolium</i> , Hook.		Rocks.
<i>H. leuconeuron</i> , Sull & Lesq.,		Ground.
<i>H. mycesuroides</i> , L.,		Shaded Rocks.
<i>H. stoloniferum</i> , Hook,		Shaded Rocks.
<i>H. Brewerianum</i> , Lesq.,		Shaded Rocks.
<i>H. aggregatum</i> , Mitt.,		Shaded Rocks.
<i>H. Nuttallii</i> , Wils.,		Trees.
<i>H. arenarium</i> , Lesq.,		Sandy Soil.
<i>H. pinnatifidum</i> , Sull & Lesq.,		Rocks.
<i>H. vallium</i> , Sull & Lesq.,		Streams.
<i>H. Bolanderi</i> , Lesq.,		Shady Ground.
<i>H. illecebrum</i> , Schwagr.		Shady Ground.
<i>H. caespitosum</i> , Wils.		Shady Ground.
<i>H. Califonicum</i> , Lesq.,		Trees.
<i>H. Stockesii</i> , Turn.,		Borders of Streams.
<i>H. Oreganum</i> , Sull.,		Rocks & Trees.
<i>H. rusciforme</i> , Weis.		Wet Rocks.
<i>H. Bigelovii</i> , Sull.,		Shady Wet Borders.
<i>H. serpens</i> , L.,		Willow Swamps.
<i>H. riparium</i> , L.,		Borders.
<i>H. aduncum</i> , Hedw.,		Swamps.
<i>H. subimponeus</i> , Lesq.,		Rocks & Stumps.
<i>H. circinale</i> , Hook.		Redwood Stumps.

Hepaticæ. (*Liverworts.*)**Sub-Order I. Ricciaceæ.**

<i>Riccia</i> , Mich.	
<i>R. glauca</i> , L.,	Borders of Ditches.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>R. nigrella</i> ,		Gravelly Soil.
<i>R. lamellosa</i> , Raddi,		Gravelly Soil.
<i>R. crystallina</i> , L.		Gravelly Soil.
<i>Sphaerocarpus</i> , Mich.,	Round Headed Liverwort.	
<i>S. Michelli</i> , Bellard,		Clay Soil.

Sub-Order II. *Authoceroteæ.*

<i>Anthoceros</i> , Mich.,	Horned Liverwort.	
<i>A. punctatus</i> , L.		Shady Banks.
<i>A. laevis</i> , L.,		Shady Banks.

Sub-Order III. *Marchantiaceæ.*

<i>Targionia</i> , Michel,		
<i>T. Michellii</i> , Corda.,		Moist Shady Rocks & Banks.
<i>Marchantia</i> , L.,	Brook Liverwort.	
<i>M. polymorpha</i> , L.,		Wet Places.
<i>Grimaldia</i> , Raddi.		
<i>G. Californica</i> , Gottsche,		Banks.
<i>Fimbriaria</i> , Nees.,	Small Liverwort.	
<i>F. tenella</i> , Nees.,		Moist Shady Hillsides.
<i>F. Bolanderi</i> , Austin,		Banks.
<i>F. Californica</i> , Hpe (Lescurii Austin)		Around Rocks.

Sub-Order IV. *Jungermauniaceæ.* (*Scale Mosses.*)

<i>Aneura</i> , Dum.		
<i>A. pinguis</i> , Dum.,		Shady Banks.
<i>A. palmata</i> , Nees.,		Shady Banks.
<i>Pellia</i> , Raddi.		
<i>P. calycina</i> , Taylor,		Shady Banks.
<i>Fossumbronia</i> , Raddi.		
<i>F. pusilla</i> , Nees.,		Wet Shady Banks.
<i>Jungermania</i> , L.,	Scale Moss.	
<i>J. rubra</i> , Gott,		Rocks.
<i>J. bicuspidata</i> , L.		Swamps.
<i>Scapania</i> , Lind.		
<i>S. undulata</i> , Nees.,		Trees.
<i>S. Californica</i> , Gott,		Trees.
<i>Sarcoscyphus</i> , Corda.		
<i>S. Francisci</i> , Gott,		Stumps.
<i>Frullania</i> , Raddi.		
<i>F. Petalumensis</i> , Gott,		Bark.
<i>F. unciflora</i> , b. <i>Californica</i> , Gott,		Bark.
<i>F. Bolanderi</i> , Aust.,		Bark.
<i>F. Tamarisci</i> , Nees.,?		Rocks.
<i>Madotheca</i> , Dum.,	Tree Scale Moss.	
<i>M. rivularis</i> , Gott,		Trees.
<i>M. platyphylla</i> , Dum.,		Trees & Banks.
<i>Lepidozia</i> , Nees.,	Creeping Scale Moss.	
<i>L. reptans</i> , Nees.,		Stumps.
<i>Radula</i> , Nees.		
<i>R. complanata</i> , Dum.,		Bark.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
	Lichenes. (Lichens.)	
	Tribe I. Parmeliacei, Fr.	
<i>Ramelina</i> , Ach.		
<i>R. Menziesii</i> , Tayl.		Trees & Fences.
<i>R. homalea</i> , Ach.		Rocks at the Coast.
<i>R. ceruchis</i> , Ach.		Trees.
<i>Cetraria</i> , Ach.		
<i>C. Californica</i> , Tuck.		Fences & Trees.
<i>C. glauca</i> , Ach.		Trees & Coast.
<i>C. lacunosa</i> , Ach.		Pine Trees.
<i>C. ciliaris</i> , Ach.		Trees.
<i>C. juniperina</i> , Ach.		Pine Trees.
<i>Eternia</i> , Ach.		
<i>E. vulpina</i> , Ach.		Trees.
<i>E. prunastri</i> , Ach.		Trees.
<i>Usnea</i> , Hoffm.		
<i>U. barbata</i> , var.		Trees.
<i>Theloschistes</i> .		
<i>Th. chrysophthalmus</i> ,		Fences.
<i>Th. parietinus</i> , L. var <i>Finmarkicus</i> , Ach.		Rocks.
<i>Parmelia</i> , Fr.		
<i>P. perlata</i> , Ach., var <i>flavicans</i> ,		Rocks.
<i>P. perforata</i> , Ach.		Rocks.
<i>P. saxatilis</i> , Fr.,		Rocks.
<i>P. physodes</i> , Ach.		Trees.
<i>P. olivacea</i> , Ach.		Trees.
<i>P. caperata</i> , Ach.		Rocks.
<i>Physcia</i> , Sehrbr.		
<i>Ph. erinacea</i> , Tuck.		Wood.
<i>Ph. speciosa</i> , Wulf.		
<i>Ph. stellaris</i> , L.		
<i>Umbilicaria</i> , Hoffm.		
<i>U. phaea</i> , Tuck.		Rocks.
<i>U. hirsuta</i> , DC.		Rocks.
<i>U. angulata</i> , Tuck.		Rocks.
<i>Sticta</i> , Schreb.		
<i>H. fuliginosa</i> , Ach.		Mossy Rocks.
<i>H. anthrasis</i> , Ach.		Oak Trees & Rocks.
<i>H. pulmonaria</i> , Ach.		Trees.
<i>H. scrobiculata</i> , Ach.		Mossy Rocks.
<i>Peltigera</i> , Willd.		
<i>P. aphthosa</i> , Hoffm.		Ground.
<i>P. canina</i> , Hoffm.		Mossy Rocks.
<i>P. rutescens</i> , Hoffm.		Trees & Rocks.
<i>P. polydaetyla</i> , Hoff.		Trees & Ground.
<i>P. venosa</i> , Hoffm.		Mossy Ground.
<i>Pannaria</i> .		
<i>P. microphylla</i> , Massal.		Mossy Rocks.
<i>P. lepidiota</i> , Fr.		Mossy Rocks.
<i>P. cyanolepta</i> , Tuck..		Ground.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>Dirina</i> , Fr.		
<i>D. Californica</i> , Tuck.,		Oak Trees.
<i>Placodium</i> .		
<i>P. coralloides</i> , Tuck.,		Rocks.
<i>P. callopismum</i> , Merat,		Rocks.
<i>P. bolacinum</i> , Tuck.,		Rocks.
<i>P. cinnabarinum</i> , Anz.,		Rocks.
<i>P. vitellinum</i> , Ehrh.,		Rocks.
<i>Lecanora</i> , Ach.		
<i>L. Bolanderi</i> , Tuck.,		Rocks.
<i>L. phryganitis</i> , Tuck.,		Rocks.
<i>L. thamnitis</i> , Tuck.,		Rocks.
<i>L. muralis</i> , Schreb.,		Rocks.
<i>L. pinguis</i> , Tuck.,		Rocks.
<i>L. varia</i> , Ach.,		Rocks.
<i>L. pallescens</i> , Schær.,		Trees.
<i>L. pallida</i> , Shær.,		Trees & Rocks.
<i>L. glaucoma</i> , Ach.,		Rocks.
<i>L. Cenisia</i> , Ach.,		Rocks.
<i>L. subfuscata</i> , Ach.,		Rocks.
<i>L. atra</i> , Ach.,		Rocks.
<i>L. fecunda</i> , Tuck.,		Trees.
<i>L. cinerea</i> , Sommerf.		Rocks.
<i>L. Scheicheri</i> , Nyl.,		Wood.
<i>L. xanthophana</i> , Nyl.,		Rocks.
<i>L. rubina</i> , var <i>opaca</i> ,		Pines.
<i>L. Brunonis</i> , Tuck.,		Rocks.
<i>Rinodina</i> ,		
<i>R. sophodes</i> , Ach.,		Trees.
<i>R. sabulosa</i> , Tuck.,		Ground.
<i>Pertusaria</i> , DC.		
<i>P. pertusa</i> , Ach.,		Trees.
<i>P. Wulfenii</i> , Nyl.,		Trees.
<i>P. velata</i> , var,		Oak Trees.
<i>Urceolaria</i> , Ach.		
<i>U. seruposa</i> , Ach.,		Ground.

Tribe II. Lecideace, Fr.

<i>Stereocaulon</i> , Ach.		
<i>St. paschale</i> , Tr.,		Ground.
<i>Cladonia</i> , Hoffm.		
<i>C. Santensis</i> , Tuck.,		Ground.
<i>C. pyxidata</i> , Fr.,		Ground.
<i>C. gracilis</i> , Fr.,		Ground.
<i>C. flimbriata</i> , Fr.,		Ground.
<i>C. bellidiflora</i> , Schær.,		Ground & Trees.
<i>Biatora</i> , Fr.		
<i>B. globifera</i> , Fr.,		Rocky Soil.
<i>B. decipiens</i> , Fr.,		Rocky Soil.
<i>B. scotopholis</i> , Tuck.,		Rocky Soil.
<i>B. coarctata</i> , Fr.,		Rocky Soil.
<i>B. glebulosa</i> , Fr.,		Rocky Soil.

LATIN NAMES.	ENGLISH NAMES.	NATURAL HABITAT.
<i>Leeidea</i> , Ach.		
<i>L. enteroleuca</i> , Ach.,		Rocks.
<i>L. insularis</i> , Nyl.,		Rocks.
<i>L. ruginosa</i> , Tuck.,		Rocks.
<i>L. massata</i> , Tuck.,		Gravelly Soil.
<i>Buellia</i> .		
<i>B. radiata</i> , Tuck.,		Rocks & Coast.
<i>B. Bolanderi</i> , Tuck.,		Rocks.
<i>B. lactea</i> , Kœrb.,		Rocks.
<i>B. stellulata</i> , Tayl.,		Rocks.
<i>B. pullata</i> , Tuck.,		Rocks.
<i>B. halonia</i> Ach.,		Rocks.
<i>B. parasema</i> , Kœrb.,		Rocks.
<i>B. parasitica</i> , Fr.		Rocks.
<i>B. oidalea</i> , Tuck.,		Trees.
<i>B. geographica</i> L.,		Rocks.

Tribe III. Graphidacei, Nyl.

<i>Opegrapha</i> , Pers.,		
<i>O. varia</i> , Fr.,		Trees.
<i>O. vulgata</i> , Nyl.,		Trees.

Tribe IV. Caliciacei.

<i>Sphaerophorus</i> , Ach.,		
<i>S. globiferus</i> , DC.,		Stumps.
<i>Acolium</i> ,		
<i>A. Californicum</i> , Tuck.,		Rocks.
<i>A. Bolanderi</i> , Tuck.,		Rocks.
<i>A. chloroconium</i> , Tuck.,		Trees.
<i>A. tigillare</i> , Fr.,		Trees.
<i>Calicium</i> , Pers.,		
<i>C. subtile</i> , Fr.,		Pines.
<i>C. chryscephalum</i> , Ach.,		Pines.
<i>C. hyperellum</i> , Wahl.,		Pines.

Tribe V. Verrucariacei, Fr.

<i>Dermatocarpon</i> ,		
<i>D. mineatum</i> , Eschro.,		Ground.
<i>D. Guepini</i> , Moag.,		Ground.
<i>Collema</i> , Ach.,		
<i>C. nigrescens</i> , Ach.,		Trees.
<i>C. coccophorum</i> ,		Ground.
<i>Leptogium</i> , Fr.,		
<i>L. palmatum</i> , Mont.,		On Mosses.
<i>L. muscicola</i> , Fr.,		On Mosses.
<i>L. albociliatum</i> , Tuck.,		Rocks.
<i>L. Californicum</i> , Tuck.		Rocks.





